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Lancaster Farming

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FARM TRENDS

A summary of market and commodity news for the past week

by Dick Wanner

Feed Grains - USDA Goofs

Government projections earlier in the year had shown an expected corn crop of some 5.8 billion bushels, and Secretary of Agriculture Earl Butz was confidently looking forward to a 6 billion-bushel crop. Skeptics had doubted these estimates from the beginning, and they won their point Thursday when Washington released the latest crop report. The latest corn projection is for 5.66 billion bushels. Also down are soybeans, wheat, oats, barley and cottonseed meal expectations. An increase in sorghum production was the only bright spot in the feed grain picture, but it won't nearly make up for the lowered supplies in other grains.

Washington Says No Export Controls

Will the administration impose controls on the exports of wheat and corn in an effort to alleviate feed shortages in the U.S.? "No," said Secretary Butz this week at a meeting with newsmen in the nation's capitol. Export controls on soybeans are termed a joke by some insiders. Exporters are allowed to send only half the quantity ordered. So, in order to get what they want, buyers have been doubling their requests.

Livestock Markets - How High Is Up?

Hogs and beef animals continued their climb to new highs this week on local auction markets. Live steer prices topped 60-cents a pound at Lancaster, in spite of the September 12 price freeze. Only beef not under the freeze is that sold directly to consumers by farmers, according to the Philadelphia office of the Internal Revenue Service.

Food - In Short Supply Everywhere

Canada, Australia and New Zealand are expanding food production as never before in an effort to capitalize on the booming export markets for grains and meat products. A New York Times report this week said that industrialized countries like the U.S., Japan and Western European nations are paying through the nose for past "cheap food" policies Americans may be faced with the prospect of trying to keep pantries at home filled while at the same time trying to protect our corner of the world food market.

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Conservationists From 12 Northeastern States Hold Lancaster Meet

More than 500 conservationists descended on Lancaster's Hilton Inn this week to attend a 12-state northeast area meeting of the National Association of Conservation Districts. The group meets annually at various places throughout the Northeast to discuss environmental issues.

This year's meeting centered around state land use planning, rural development, soil and water research, youth in the conservation movement, non-point pollution controls and broad policy areas of the Environmental Protection Agency and other Washington agencies.

Activities began Sunday afternoon with tours of the Ephrata Cloisters, Pennsylvania Farm Museum and local conservation sites. Monday was given over to speeches by a number of state and local officials in addition to conservationists from around the country. Also on Monday, there were forums on five areas challenging conservation efforts today.

Each forum consisted of two dozen or more participants, a speaker, a moderator and a recorder. Topics covered were land use planning, rural development, non-point pollution control, challenges in soil and water research and controlling shore erosion. On Tuesday, these forums were recapped at a general meeting.

"State governments can not implement land use plans, but they can and should provide leadership in this area," Robert Graf said in summing up the forum on land use planning. Graf is president of the Vermont Association of Conservation Districts.

Graf noted that the impetus for good land use must come from local citizens, but the states can

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Farm Calendar

Saturday, August 11

11 a.m. -- Public Sale to benefit Galen Buckwalter, Intercourse Sales Ground, rear of Zimmerman's Store.

Woodman's Festival, Potter County, August 11-12.

Monday, August 13

8 p.m. -- Lancaster County Poultry Association Board of Directors meeting, Farm and Home Center.

Fulton Grange meeting, Oakryn.

Lebanon Area Fair, August 13-18.

Carlisle Fair, August 13-18.

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Co. Winners Named in Pa. 4-H Competition

Lancaster County sent 27 4-H'ers to Penn State this week to participate in the annual State 4-H Days. They competed with some 1200 other boys and girls from throughout the Commonwealth in judging demonstrations, public speaking and consumer education events.

County teams placed first in both senior and junior livestock judging. The senior judging team consisted of Jeff Grieder, Columbia, Ed and Richard Ness, Strasburg, and Joe Lefever, Manheim.

In the junior event, Manheim's Steve Donough led his team to victory by placing first in the state. Other team members were Ronald Kreider and Kevin Rohrer, also from Manheim, and Dwight Houser, Lampeter.

This year's horse judging team placed third in the state. Team members were Randy Glick, Leola, Jane Gregory and Natalie Immel, Lititz, and Karen Ressler, Elizabethtown.

A consumer team captured a blue ribbon and a gold medal for their efforts. Team members were Robin Fellenbaum and Debra Gregory, Lititz, and Anne Spangler, Marietta.

The county's diary judging team came up with a sixth-place showing this year. Team members were Gary Akers, Quarryville, Linda Kauffman, Elizabethtown, Betty Jo Bitler, Peach Bottom, and R. Mellinger, Strasburg.

In the demonstration competitions, Donna Bare, Witmer, took a first place blue ribbon for her demonstration of hunt seat equitation. Dudley Rohrer, Manheim, took a second place award for his tractor driving demonstrations.

Lancaster Farming Photo

Bill McFetridge, left, and Bob Festger, commodity brokers with Allentown's Rosenthal and Co., keep tabs on swings in the markets by watching computerized TV set that displays up-to-the-minute quotations.

Can You Lock In Profits With Futures Hedging?

Market bears believe, along with Sir Isaac Newton, that what goes up must come down. These bears, eternal pessimists, believe this maxim applies not just to apples, but to hog and steer prices, too.

Now the farmer, in many important ways, is a bull, not a bear The farmer plants a handful of seed corn and expects to get back a bushel He buys a single chick and expects to get hundreds of eggs. He buys a little pig and expects it to gain nearly 200 pounds before it's sold. And he does all this even though he knows the rain might not come, the army worms might get his corn, the hogs might get pneumonia or the chickens might die. He does it even though he doesn't know how much money he's going to get

The farmer is a bull. An incurable optimist While the farmer may complain about the weather, taxes, Washington, Harrisburg, buyers, suppliers and the way everyone ignores his plight, deep in his heart he knows that things will always work out for the best. Events of the past few months have brought spreading smiles to the faces of the farmer optimists. Never before has the farmer gotten so much for his crops and his animal products.

Many people didn't believe the markets could come so far in so short a time. Many now believe that the markets cannot go much farther and that prices will start to decline shortly If these bears are right, the farmer who hedges his production will likely wind up

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Local Livestock Market, Auction News

Lancaster Market

Monday, August 6

	Cattle	Calves	Hogs	Sheep
Today	639	120	791	59
Last Week	477	86	813	150
Last Year	620	213	821	166

CATTLE: Compared to last Wednesday, slaughter steers 4.00-5.00 higher; cows 2.00-3.00 higher; bullocks strong to 1.00 higher; bulls 3.00-5.00 higher. Supply included 700 in afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 1050-1325 lb. 58.75-60.60; Choice 950-1410 lb. 59.00-60.00, few late sales 57.75-59.00, few Choice yield grade 2 60.00-60.60; high Good and low Choice 57.00-59.00; Good 54.75-57.75, including several 1100-1450 lb. Good Holsteins 54.75-56.50; few Standard and low Good 52.00-55.35.

SLAUGHTER HEIFERS: Choice 850-950 lb. 56.00-57.25, ten head 57.50-58.50; Good 54.00-56.75.

COWS: Utility and high dressing Cutter 40.25-42.85, couple 43.50-45.00; Cutter 38.50-41.50; Canner and low Cutter 35.25-38.00.

BULLOCKS: Choice 55.00-57.00, few 57.25-58.50; Good 50.00-55.00.

BULLS: Yield grade 1 1100-1600 lb. 51.50-55.50, several 1375-1665 lb. 56.00-56.50, couple 57.50-57.85; yield grade 2 1000-1500 lb. 47.60-50.75.

VEAL CALVES: Vealers 1.00-3.00 higher with bulk of weights under 120 lb. returned to farm.

VEALERS: Prime 78.00-80.00, couple 82.00; Choice 73.00-78.00; Good 69.00-73.00; Standard 62.00-69.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein heifers 80.00-85.00; bulk 90-120 lb. bull calves 65.00-72.00

SHEEP: Small supply Good spring slaughter lambs 2.00-4.00 higher with no Choice on offer; slaughter ewes fully steady.

SPRING LAMBS: Few lots Good 60-90 lb. 36.00-37.00.

SLAUGHTER EWES: Utility and Good 12.00-15.00.

Growing Degree Days, Rainfall

A report from Penn State of weekly crop and weather roundups with a report on weather conditions for the week ending August 6.

In Lancaster, the average temperature for the week was 75 degrees, 1 degree above the normal average for the time of year.

Growing degree days for crops that start at 50-degrees totaled 1935, or 43 more than normal in an average year

Rainfall for the week totaled 1.24 inches; rainfall from April 1 totaled 18 14 inches, or .89 inches more than normal.

Vintage Auction

Tuesday, August 7

	Cattle	Calves	Sheep
Today	899	532	58
Last Week	706	695	36
Last Year	1317	735	51

CATTLE: Compared to last Tuesday, slaughter steers mostly 3.00 higher; cows 2.00-3.50 higher; bullocks 1.00-3.00 higher; bulls strong to 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 1100-1325 lb. 58.75-59.85; Choice 950-1400 lb. 57.50-59.25, mainly 58.00-59.00, few mainly yield grade 2 59.35-60.00; high Good and low Choice 55.75-58.00; Good 54.50-56.50; few Standard and low Good 51.50-53.75.

COWS: Utility and high dressing Cutter 39.75-43.50, few 43.50-45.00; Cutter 38.50-42.00; Canner and low Cutter 36.75-39.00.

BULLOCKS: Choice 950-1250 lb. 53.85-57.25, few 58.00-58.75, with three head 61.25-63.50.

BULLS: Yield grade 1 1150-1550 lb. 52.00-53.75, couple 55.75-56.85, individual 1815 lb. 58.75; yield grade 2 1000-1500 lb. 48.00-52.25.

VEAL CALVES: Vealers 2.00-5.00 higher; good demand for calves returned to farm.

VEALERS: Prime 77.00-81.00, few 81.50-83.00; Choice 72.00-79.00; Good 64.00-71.00; Standard 60.50-65.00; Utility 80-110 lb. 56.00-60.50, couple lots 61-73 lb. 47.50-53.75.

RETURNED TO FARM: Bulk 90-120 lb. Holstein heifers 85.00-95.00, one lot 92 lb. 110.00, and one 20-head lot 101 lb. 135.00; bulk 100-125 lb. bull calves 70.00-79.75.

SHEEP: Insufficient volume of any one class to fully test trends, few head Good and Choice 60-90 lb. spring slaughter lambs 40.00-44.50.

Local Grain

Thursday, August 9

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, August 9, 1973, are as follows:

	Bid+	Offered+
Ear Corn, Old	67.33	75.33
Shelled Corn	3.03	3.27
Oats, Local	1.07	1.29
Oats, Western	1.55	1.72
Barley	1.95	2.30
Wheat	3.52	3.72

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lancaster Auction

Wednesday, August 8

	Cattle	Calves	Hogs	Sheep
Today	765	61	436	42
Last Week	693	97	595	48
Last Year	1076	120	387	33
This Week's Auction	818	60	471	34
Last Week's Auction	700	100	568	53

CATTLE: Slaughter steers steady to 1.00 lower than Monday's best time, with some late sales fully 2.00 lower; cows strong to 1.00 higher, instances 2.00 higher on Utility; bulls and bullocks mostly steady.

SLAUGHTER STEERS: High Choice and Prime 1100 1350 lb. 58.60-60.35; Choice 950-1400 lb. 56.25-60.00, mainly 57.50-59.50, load Choice yield grade 2 & 3 1100-1250 lb. 59.75-61.10; high Good and low Choice 55.50-58.00; Good 53.00-57.00; Standard and low Good 51.60-53.00.

SLAUGHTER HEIFERS: Choice 850-1000 lb. 55.00-58.50, few 59.00-60.00; Good 52.50-54.00.

COWS: Utility and high dressing Cutter 42.75-45.85, few 46.25-47.00; Cutter 38.00-42.50; Canner and low Cutter 36.00-38.00.

BULLOCKS: Choice 950-1300 lb. 57.00-59.25, few 59.00-60.10; Good 52.00-56.00.

BULLS: Yield grade 1 1200-1650 lb. 52.75-56.50, three head 1400-1725 lb. 59.85-60.10; yield grade 2 1000-1600 lb. 49.50-52.50.

VEAL CALVES: Veal calves fully steady.

VEALERS: Prime 78.00-81.50; Choice 75.00-80.00; Good 65.00-72.00; Standard 55.00-63.00; few Utility 50.00-55.50.

SHEEP: Spring lambs steady with Monday's small supply, or 4.00-5.00 higher than last Wednesday.

SPRING LAMBS: Couple lots Choice 60-105 lb. 45.00 45.50; one lot Good 60 lb. 38.00.

New Holland Dairy Cattle

Wednesday, August 8

Reported receipts of 123 cows, 30 heifers; market steady with last week's market.

Load Lawrence County cows, fresh 380 - 590.

Load Bradford County cows, fresh, 485 - 600; springers, 510 - 650.

Load Vermont cows, fresh, 485 - 820; springers, 620 - 815.

Load New York State springers, 680 - 795.

Chester County herd dispersal, 46 head, all stages of production, 360 - 825.

Locally consigned cows, 370 - 785.

Springing Heifers, 410 - 650.

New Holland Auction

Thursday, August 9

	Cattle	Calves	Sheep
Today	1359	484	47
Last Week	1065	483	19
Last Year	1240	484	14

CATTLE: Compared to last Thursday, slaughter 2.50-3.00 higher; cows weak to 50 lower, instances 1.00 lower; bulls and bullocks strong to 1.00 higher. Supply included 26 per cent cows and 18 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 1000-1400 lb. 59.50-61.00, few head 62.00-62.50; Choice 950-1350 lb. 57.00-59.50, mainly 58.00-59.25; Good 55.00-57.50, including several Holsteins at 55.50-56.75; Standard and low Good 51.85-54.75.

SLAUGHTER HEIFERS: Couple lots Choice 850-965 lb. 59.10-59.50.

COWS: Utility and high dressing Cutter 40.00-43.00, few 43.50-45.00; Cutter 38.00-41.50, few 37.50-38.00; Canner and low Cutter 35.00-38.00.

BULLOCKS: Choice 950-1300 lb. 55.00-57.75; Good 52.00-55.00.

BULLS: Yield grade 1 1000-1500 lb. 54.00-57.50, couple 57.75-57.85, four head 2030-2395 lb. 53.25-56.00; yield grade 2 1000-1600 lb. 49.75-54.00; few low dressing 47.00-50.00.

VEAL CALVES: Vealers 1.00-3.00 higher.

VEALERS: Prime 81.00-85.00, few 86.00-88.50; Choice 75.00-80.00; Good 70.00-75.00; Standard 63.00-70.00.

SHEEP: Spring lambs 4.00-6.00 higher; slaughter ewes 3.00-4.00 higher.

SPRING LAMBS: Choice 75-100 lb. 46.00-47.50; Good 65-95 lb. 43.00-44.50.

SLAUGHTER EWES: Utility and Good 19.00-23.50.

Monday, August 6, 1973

Calf Receipts 100.

Choice and Prime 74-81; Standard 54-65.50; Good and Low Choice 66-73.50; Common 48-53.50.

Monday, August 6, 1973

11 load of hay and 12 loads of straw sold as follows (prices per ton): Alfalfa, 2 loads 33.00 and 74.00; Timothy 37.50-53.00; Mixed hay, few loads 33.00-50.00; Hay, 1 load at 54.00; Straw 33.00-42.00; Ear Corn, 7 loads 45.00-85.00.

Regional Hay Prices

Monday, August 6, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay and straw steady to strong.

Alfalfa	40.00-50.00 few to 55.00
Mixed Hay	30.00-50.00
Timothy Hay	20.00-35.00 few to 45.00
Straw	25.00-30.00
Mulch	10.00-18.00

Composite Report

Friday Weekly, Aug. 10

	Cattle	Calves
This Week	4200	1200
Last Week	3422	1362
Last Year	4671	1568

CATTLE: Slaughter steers very uneven, closing sales 2.50-3.00 higher; cows steady to 1.00 higher, after some sales being 2.00 higher early part of week; bulls and bullocks strong to 1.00 higher. Supply included an estimated 50 per cent slaughter steers, 35 per cent cows and bulls, with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1000-1400 lb. 58.75-61.00; Choice 57.00-59.50, mainly 58.00-59.25, several Choice yield grade 2 & 3 59.75-61.25, few head 62.00-62.50 at the close; Good 54.50-57.50; Standard and low Good 51.50-54.75.

SLAUGHTER HEIFERS: Choice 850-1000 lb. 55.00-58.50, few 59.00-60.00; Good 52.50-56.75.

COWS: Utility and high dressing Cutter 40.00-43.50, few 43.50-45.50, with several at midweek 46.25-47.00; Cutter 38.00-41.50; Canner and low Cutter 35.00-38.00.

BULLOCKS: Choice 950-1300 lb. 55.00-59.25, few 59.00-60.10; Good 52.00-56.00.

BULLS: Yield grade 1 1100-1600 lb. 52.75-57.75, few head 58.00-60.10; yield grade 2 1000-1600 lb. 49.50-54.00, few low dressing 950-1300 lb. 47.00-50.00.

VEAL CALVES: Vealers 1.00-3.00 higher. Demand good for calves returned to farm.

VEALERS: Prime 80.00-85.00, few head 86.00-88.50; Choice 75.00-80.00; Good 68.00-75.00; Standard 63.00-70.00; Utility 80-110 lb. 56.00-62.00, couple lots 61-73 lb. 47.50-53.75.

RETURNED TO FARM: Bulk 90-120 lb. Holstein heifers 85.00-95.00, one lot 92 lb. 110.00, and one 20-head lot 101 lb. 135.00; bulk 100-125 lb. bull calves 70.00-79.75.

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Hog Prices

Lancaster Auction

Wednesday, August 8

HOGS: Barrows and gilts 1.50-2.00 higher.

BARROWS AND GILTS: one lot US 1 238 lb. 63.50; US 1-2 205-245 lb. 62.00-62.50; US 2-3 195-255 lb. 61.25-61.85; US 3-4 250-255 lb. 60.00-60.10; couple lots US 1-2 155-165 lb. 54.50-54.75.

Lancaster Market

Monday, August 6

HOGS: Barrows and gilts 50-1.00 higher; sows scarce.

BARROWS AND GILTS: US 1 200-240 lb. 61.00; US 1-2 200-240 lb. 60.50-61.00; US 2-3 190-260 lb. 59.50-60.00.

Vintage Auction

Saturday, August 4

HOGS 607: Compared with last Saturday's market. Barrows & Gilts: Mostly $3 higher. US No. 1-2 200-235 lbs. 60.35-61.00, No. 1-3 195-240 lbs. 59.50-60.25, No. 2-3 190-260 lbs. 59.10-59.50, No. 2-4 160-170 lbs. 45.00-50.00. SOWS: US No. 1-3 320-505 lbs. 45.75-49.25. Few Boars 40.50-44.00

Wednesday, August 8

HOGS 550: Compared with last Wednesday's market. Barrows & Gilts: Mostly $2 higher. US No. 1-2 200-250 lbs. 61.50-62.75, No. 1-3 200-260 lbs. 61.00-61.50. SOWS: US No. 1-3 300-570 lbs. 49.00-50.00. Boars: 42.00-44.00.

Lebanon Valley Auction

Tuesday, August 7
244 Head of Hogs

Barrows and Gilts mostly 75 cents higher. Sows about steady.

BARROWS AND GILTS: U.S. 1-2 200 - 230 pounds 60.85 - 61.10; 1-3 190 - 245 60.10 - 60.85.

SOWS: U.S. 1-3 300 - 535 pounds 48.75 - 51.00, individual's 54.00 and 54.75.

BOARS: 40.00-46.00.

New Holland Auction

Monday, August 6

HOGS 1072: Compared with last Monday's market.

Barrows & Gilts: $1 to $2 higher.

US No. 1-2 200-240 lbs. 60.25-61.00; US No. 1-3 200-250 lbs. 59.75-60.25; US No. 2-3 200-260 lbs. 58.00-59.75; US No. 2-4 160-190 lbs. 58.00-59.75

SOWS:

US No. 1-3 300-575 lbs. 47.00-52.50

Boars: 45.25-51.00

Indianapolis Auction

HOGS: 1500.

Barrows and gilts unevenly strong to 1.00 higher.

BARROWS & GILTS: US 1-2 200-240 lb. 60.00-60.75; 65 head 61 00; US 1-3 195-240 lb. 59.50-60.50; 250-260 lb. 59.00-60.00.

St. Louis Auction

HOGS: 4500.

Barrows and gilts 50 higher.

BARROWS & GILTS: US 1-2 200-230 lb. 60.25-60.50; US 1-3 200-240 lb. 60.00-60.25.

Peoria Auction

HOGS: 4000.

Barrows and gilts opening uneven, weak to 25 lower.

BARROWS & GILTS: US 1-2 200-240 lb. 59.50-60.00, mostly 59.50; US 1-3 200-250 lb. 59.25-59.50.

Green Dragon Hay

Friday, August 3

17 loads hay, including: One load Alfalfa 59.00; 3 loads Timothy 28.00 - 46.00; Mixed hay 33.00 - 55.00, one at 64.00; one load Clover 50.00; One load Grass hay (Orchard) 43.00.

8 loads straw 37.50 - 51.00.

12 loads corn 77.00 - 85.00, one at 47.50.

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New York Dressed Meats

Wednesday, August 8

Daily Distributive - Less than carlot meat trade:

Compared with Tuesday: Available tonnage small for all fresh meat classes with many beef coolers devoid of product both carcass meat or fabricated product. Prices tending higher for lamb while general market tone soft for pork. Many beef wholesalers uncertain regarding scope of operations next week as receipts confirmed so far will suffice only for a day or two.

Lamb

Choice and Prime Spring: 30-55 pounds 90.00 - 93.00; 55 - 65 89.00 - 93.00.

Fresh Pork Cuts

Loins (Regular) 8 - 14 pounds 113.00 - 118.00; 14 - 17 112.00 - 116.00; Picnics (Regular) 4 - 8 72.00 - 75.00; Boston Butts 4 - 8 90.00 - 93.00; Spareribs 3 pounds down 102 00 - 105.00; Hams (Skinned) 14 - 17 90.00 - 93.00; 17 - 20 90.00 - 93.00.

Thursday, August 9

Compared with Wednesday: Very little in line of supplies available at wholesale levels for small stock classes and fresh pork while beef tonnage is nil. Lamb cuts going at top dollar listed for various cuts and comparable price tags on most pork cuts except loins bulking low quotes for these.

New Holland Horse Auction

Monday, August 6

Reported receipts of 407 head of horses, mules and ponies; market stronger than last week's market.

Load New York driving horses, 135 - 485.

Load Kansas riding horses, 165 - 320.

Load Ohio riding horses, 190 - 330.

Load New York driving horses, 235 - 580.

Load North Carolina riding horses, 305 - 405.

Local work horses, 240 - 620; mules, 110 - 305; driving horses, 170 - 575; riding horses, 130 - 200; better horses, 215 - 440.

Killers. lightweight 10 - 14; heavyweight 18 - 20.

Mare ponies, 20 - 45; colts, 5 - 10, geldings, 15 - 35; larger ponies, 50 - 80.

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Futures Trading

(Closing bids as of Thursday, August 9)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
August	57.50	60.10		75 75
September				79.00
October	58.77	54.50		76 15
November			5.25	80.10
December	59.20	58.90		84.10
January '74				77.30
February	59.62	55.85		71.50
March			6.13	
April	59.07	54.25	6.35	
May			7.50	
June	58.97	54.00		
July		53.25		
August	57.62	51.00		

Trend - Cattle are Higher, Hogs are Stronger, Potatoes are Steady and Eggs are Stronger.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending August 3

CATTLE 4836, compared with 5918 head last week, and 6235 head a year ago. Entire beef market highly unsettled with supply low and market active. Compared with last week's market, slaughter steers and bulls mainly $2.50 to $6 higher. Slaughter cows 50 cents to $4 higher.

STEERS: High Choice and Prime 1050-1350 pounds 55.10-58.75, Choice 54.00-58.00, Good 48.75-55.50, Standard 47.60-53.25.

HEIFERS: Choice 51.85-55.75, Good 47.50-52.00, Standard 43.00-46.00.

COWS: Utility and High Dressing Cutter 38.00-44.50, Cutters 35.75-41.00, Canners 33.10-37.00, Shells down to 28.00.

BULLS: Choice 52.00-57.50, Good 47.50-53.75, Utility and Commercial 45.00-52.25, Cutters 42.00-46.00.

CALVES 3818, compared with 3820 head last week, and 5063 head a year ago. Vealers $1 to $4.50 higher.

VEALERS: Prime 73 00-78.00, Choice 69.00-75.50, Good 63.00-73.50, Standard 60 00-70.00, Utility 90-120 pounds 52.00-60.00, 70-85 45.00-57.00.

Farm Calves: Holstein Bulls 85-125 pounds 60.00-88.00; Holstein Heifers 85-140 lbs. 70.00-106 00.

HOGS 5623, compared with 6173 head last week, and 6785 head a year ago. Barrows and Gilts active, $3.50 to $7 higher.

BARROWS AND GILTS: US 1-2 200-240 pounds 58.00-60.00, 1-3 195-245 55.90-59.50, 2-3 185-260 54.50-58.00 2-4 140-185 48.75-54.25.

SOWS: US 1-3 300-550 pounds 46.00-53.00, 2-3 300-650 43.50-48.25. Boars 36.00-40.50.

FEEDER PIGS 992, compared with 1030 head last week, and 859 head a year ago. US 1-3 20-35 pounds feeder pigs 17.00-28 00 per head, 1-3 35-50 24.00-41.50 per head.

SHEEP 1029, compared with 1167 head last week, and 1254 head a year ago. Spring slaughter lambs strong to $3 higher. Choice 70-100 pound spring slaughter lambs 37.00-41.50, Good 65-100: 30.50-38.00, Utility 50-80 28.00-33.00. Slaughter ewes 10.50-20.00.

Peoria Cattle

Thursday, August 9

CATTLE WEEKLY: Receipts This Week 3600, Last Week 2390, and Last Year 5165.

Compared with last week's close, slaughter steers uneven, 1.50-2.25 higher Slaughter heifers 2.00-2.50 higher. Cows 2.00-3.00 higher. Bulls 3.00-4.00 higher. Supply 60 percent slaughter steers, 20 percent slaughter heifers, and the balance mostly cows. Steer supply mainly choice 1000-1100 pounds; heifers mostly Choice 800-900 pounds.

SLAUGHTER STEERS: Four loads high Choice and Prime 1230-1277 pounds 3-4, 57.25-57.75. Choice 950-1215 2-4, 54.50-56.50. Load Choice and Prime 1315 pounds 3-5, 54.00 Mixed Good and Choice 950-1300 53.00-54 50. Good 51.00-53.00. Good Holsteins 51.00-52.00. Standard and Good 50.00-51.00.

SLAUGHTER HEIFERS: Package Choice and Prime 896 pounds 3-4, 55.50; three loads same grade 900-930 55.25-55.35. Choice 800-1000 2-4, 53 50-55.00. Mixed Good and Choice 52.50-53.50. Good 48.00-52.50.

COWS: Utility and Commercial 37.50-40.00. High dressing Utility 41.00-42.00, few 42.50. Cutter 36.50-38.50. Canner 32.50-36.50.

BULLS: Yield Grade 1-2, 1100-1800 pounds 41.50-46.50, few grade 1 47.00-48.00.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	338,000	1,093,000	152,000
Same Pd. last week	361,000	990,000	155,000
Same Pd. last year	486,000	1,131,000	151,000

Poultry Market Reports

Fogelsville

August 7, 1973

(Prices paid dock weights cents per lb.)

Hens, light type 11-18; Hens, Heavy type 16-40, mostly 30-36; Pullets 41-50, mostly 43-45; Roasters 35½-53½, mostly 42-44; Ducks 15-55, mostly 55; Drakes 59½; Geese 50-50½; Rabbits 30-84, mostly 50-60; Guineas 1.25-1.30½, mostly 1.30-1.31; Pigeons (per pr.) 1.31-4.00.

Total coops sold 368.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon, Sale at 11:30 a.m.

Directions - Take Rt. 22 thruway. Exit at Fogelsville Exit. North on stoplight in Fogelsville. Turn left, proceed 1 mile.

Delmarva

Wednesday, August 8
Broiler-Fryer Market

Ready to cook movement very slow with buyer interest taking a strong wait and see position. Slaughter schedules sharply reduced in some quarters. Less than trucklot prices unchanged to sharply lower on plant grade; unchanged to 2 cents lower on US Grade A. Live supplies ample. Undertone weak and unsettled.

Pool trucklot prices for Thursday arrival US Grade A 72-75, Plant Grade 68-74.

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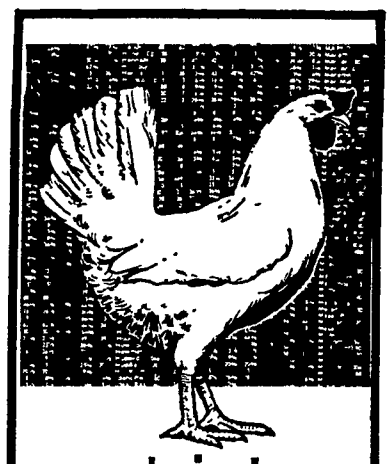

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Egg Market

Wednesday, August 8
Philadelphia Eggs

Prices unchanged. Cartoning demand fair for fully adequate offerings of all sizes. Undertone steady but cautious.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 86-87½, A Large 85-86½, A Medium 82-83½.

Wednesday, August 8
Baltimore Eggs

Market steady. Movement slow to fair. Supplies fully adequate. Cartoned eggs: prices to retailers, state graded (min. one case sale)

White Grade A Large 88-94, mostly 88-90; Grade A Medium 86-92, Mostly 86-87

Eastern Pa. and N. J.

Wednesday, August 8
Live Poultry

Prices higher on light type hens. Demand very good with offerings short of needs. Offerings of heavy type hens short of a good call.

Prices paid at farm: Light type hens 15-24, mostly 22-23 in Pa. and mostly 22-23 in N. J. Heavy type hens TFEWR

Oklahoma City

Thursday, August 9

Estimated Receipts	14,000
Same Day Last Week	12,849
Same Day Last Year	10,174

Active, compared to late last week, feeder cattle and calves 1.00-3.00 higher, large attendance buyers. Bulk supply choice 350-750 pound steers, liberal show of 550-700 pound; heifers 350-600 pound.

FEEDER STEERS: Choice, few Prime 300-400 pound 86.00-91.00, some 284 pound 94.50; 400-500 73.00-80.00; 500-600 70.00-74.00; 600-700 65.00-70.60; 700-800 64.40-65.90, some 731-773 66.25-67.20. Good and Choice 300-500 65.75-80.00; 500-600 64.75-69.25; 600-700 63.00-66.00.

HOLSTEIN STEERS: Standard and Good 600-800 pound 64.50-68.00.

FEEDER HEIFERS: Choice, few Prime 300-400 pound 71.00-74.40, some 284-290 77.50-80.00; 400-500 62.00-67.90; 500-600 59.80-62.75; some 618-641 59.90-61.75, some 730 pound 58.90. Good and Choice 300-500 58.00-70.00; 500-650 55.50-59.50.

Fix-It Tip

Take a good look at metal items that are left outdoors — lawn furniture, toys and forgotten garden tools. If rust has formed on a painted surface, sand down to the bare metal prime with a rust preventative paint and finish with enamel.

The best way to protect metal items is with wax. Use auto wax since it is designed to withstand weathering. Apply a light film of oil to tools, even those in the basement. Moisture-laden air will rust them.

The spigot at the bottom of the water heater is there to prevent corrosion. Drain a pail or two of water every month, stop when the water runs clear. Never drain the tank completely since the air that gets in will cause faster corroding.

Weekly New York Egg Market

From Monday, August 6 to Friday, August 10

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	85	85	85	85	85
Large	81	81	81	81	81
Mediums	79	79	79	78	78
Pullets	61	61	61	62	62
Peewees	40	40	40	42	42
BROWN					
Fcy. Large	81	81	81	81	81
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large	74	74	74	74	74
Checks	57	57	59	59	59

Long Tone - Irregular.

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New England Weekly Shell Egg Report

Tuesday, August 7

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	84-90	82-88	80-85	57-63
Mostly	85-88	83-86	81-83	57-62
NEW HAMP	83-90	81-88	79-86	57-64
Mostly	85-86	83-84	81-82	59-60
R. I.	87-88	85-86	83-84	61-62
Mostly				
VERMONT	90-94	88-92	85-90	TFEWR
Mostly				
MAINE	89-91	87-89	85-87	63-65
Mostly				

+Includes Central and Western Sections Only.

Omaha Cattle

Thursday, August 9

Compared with last week's close: Closing slaughter steer prices 2.00-2.50 higher, heifers 2.75-3.00 higher. Cows closed 25-50c lower and bulls steady. Feeder cattle strong to 1.00 higher.

Four day receipts 12,000 as compared 9,100 previous week and 16,300 a year ago. Slaughter steers approximately 32 percent, heifers 36 percent, mainly Good to average Choice, a moderate volume high-Choice and Prime. Cows 18 percent, feeders 15 percent.

Demand continued broad for the limited supply of slaughter cattle offered. Marketings expanded slightly but there was still resistance to resumption of a normal pattern so long as Phase IV remained in effect. Although some major packing plants remained inactive a number were edging back into the market with some local packing interests buying largely for custom slaughter. Canadian buying interests again participated but advancing prices were somewhat of a deterrent to purchases for export. Feeder buyers competed aggressively for fleshy two-way steers Monday but demand narrowed later.

STEERS: Three loads high-Choice and Prime 1020-1266 pounds 3-4 56.00-56.50, load same grade 1250 pounds 55.75. Near ten loads Choice and Prime 1110-1236 3-4 55.25-55.50. Choice 975-1250 2-4 closed 53.50-55.00. Mixed Good and Choice 950-1225 53.00-53.50. Good 48.50-53.00 including 2-3 Holsteins 48.50-49.00. Standard and low-Good 47.00-48.50.

Average cost slaughter steers first three days 53.93, average weight 1107 pounds as compared 51.00 and 1113 pounds previous week and 36.26 and 1112 pounds a year ago.

HEIFERS: Two loads and part load high-Choice and Prime 3-4 979-1074 pounds 53.75-54.00. Numerous loads Choice and Prime 876-1097 3-4 53.00-53.50. Choice 825-1050 2-4 51.25-52.75. Mixed Good and Choice 750-1000 50.00-51.25. Good 45.00-50.00.

Small lots Standard and low-Good 43.50-45.00.

COWS: Utility and Commercial mainly 37.00-39.00, a few 39.75-40.00. Canner and Cutter 33.50-37.00, mixed Cutter and low-Utility 37.25-37.50.

BULLS: Yield grade 1-2 1400-2100 pounds 41.00-44.50, Grade 1 45.00-46.00, individual 48.00.

FEEDERS: Feeder prices strong to 1.00 higher, the supply largely fleshy two-way steers. Many cattle eligible for Choice grade slaughter. Outshipments approximately 1,500 compared with 1,700 previous week.

STEERS: Choice fleshy 1028-1074 pounds 54.00-55.00. High-Good and Choice 884-1080 52.00-53.50. Several lots low-Good 1050-1108 Holsteins 48.00-48.50.

HEIFERS: A few sales high-Good and Choice 727-847 pounds 48.00-51.50.

"What society calls the smart thing to do is often pretty dumb."

Lebanon Valley Auction

Tuesday, August 7
214 Head of Cattle

Compared with last weeks market, slaughter steers mostly $5 higher. Slaughter cows and bulls $4 to $6 higher.

STEERS: Choice (few) 61.00 - 63.00; Good 58.25 - 61.75; Standard 54.75 - 57.50; Utility 53.75 - 55.00.

HEIFERS: Good and Choice (few) 56.00 - 59.50.

COWS: Utility and High Dressing Cutter 44.50 - 49.00, few 49.75 - 50.25; Cutters 41.50 - 44.85; Canners 38.00 - 41.50; Shells down to 34.00.

BULLS: Choice (few) 60.00, individual at 61.50; Good 56.00 - 59.50; Utility and Commercial 51.75 - 55.75.

205 Head of Veal Calves

Vealers grading Standard to Choice $8 to $10 higher.

Prime (individual) at 82.00; Choice 78.00 - 80.00; Good 75.00 - 78.50; Standard 72.00 - 75.50; Utility 90 - 120 pounds (few) 55.00 - 62.00.

FARM CALVES: Holstein Bulls 70 - 85 pounds 56.00 - 66.00; 90 - 130 68.00 - 85.00.

Holstein Heifers 70 - 85 pounds 57.00 -72.00; 90 - 140 84.00 - 105.00.

20 Head of Sheep

Good and Choice (few) 65 - 85 pound spring slaughter lambs 33.50 - 40.00.

Lancaster Farming
Lancaster County's Own Farm Weekly
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Vehicle Emission Control Farm Community Concern

The American farm community is part of the most mobile society the world has ever known thanks to the development of the automobile and of our great network of highways and feeder roads. And agriculture today is as dependent on our massive transportation complex as any other segment of American enterprise--in many respects more so.

With this tremendous blessing of mobility, however, has come the serious problem of air pollution. The largest single contributor to air pollution is the automobile. So the primary cure is to reduce the amount of pollutants emitted by individual motor vehicles or to reduce the number of vehicles on the road. Either cure--or a combination thereof (which is most likely)--certainly will be of concern to motor vehicle owners in the agricultural community. This is why the opportunity is taken to explain a complex and controversial decision by the Environmental Protection Agency (EPA). The decision, made last April, sets the course for the next few years for Federal, State, and local officials in pursuing national transportation strategies.

First, some background to the decision. The Clean Air Act amendments of 1970 set strict standards for the emissions of hydrocarbons, carbon monoxide, and nitrogen oxides for 1975 and 1976 model cars. These pollutants, it has been shown, may have a harmful effect on human health. Congress decreed that hydrocarbons and carbon monoxide put out by 1975 and later model cars must be 90 percent less than emissions from 1970 models, and that nitrogen oxides put out by 1976 and later model cars must be 90 percent less than emissions from 1971 models.

Congress authorized EPA to suspend application of the standards for one year under certain conditions. In 1972, EPA turned down a request by several car manufacturers for such a suspension. In early 1973, in an appeal brought by the car manufacturers against the EPA decision, a Federal court ordered EPA to reconsider the suspension request. After public hearings, the EPA decision was issued on April 11, 1973. The request for a one-year suspension of the 1975 motor vehicle standards under the Clean Air Act of 1970 was granted. Essentially, the EPA decision provided for an orderly phase-in of new emissions control technology and set new interim standards that will mean substantially reduced automotive emissions. The decision insured against any disruption of the steady progress already being made toward cleaner emissions and toward the protection of public health.

Robert W. Fri, Acting Administrator of the Environmental Protection Agency, emphasizes strongly that the decision does not adversely affect air quality in any significant way. It does not add major burdens to States that already have to design and implement transportation controls. But the decision does offer the promise of insuring that efficient and durable automotive emission control technology will be available to the public nationwide by the fall of 1975 and that this technology will make a major contribution in cleaning up the Nation's air.

Mr. Fri presented a few figures to show what the decision aims to accomplish:

-- In all States except California, the emission standards for new 1975 model cars will be 1.5 grams per mile of hydrocarbons and 15 grams per mile of carbon monoxide.

-- Because of California's especially serious air quality problem, emission standards for new 1975 model cars sold in California will be more stringent -- 0.9 grams per mile of hydrocarbons and 9 grams per mile of carbon monoxide. (About one-tenth of new car production is sold in California.)

-- New 1976 model cars sold anywhere in the United States will have to meet the Clean Air Act's emission standards of 0.41 grams per mile of hydrocarbons and 3.4 grams per mile of carbon monoxide.

To underline the degree of progress manifested in these goals, consider that emissions from pre-control cars--before 1968 models--were 8.7 grams per mile of hydrocarbons and 87 grams per mile of carbon monoxide.

Nitrogen oxides are a third component of automobile emissions and the Clean Air Act states that these pollutants from 1976 and late model cars must be 90 percent less than from 1971 models. However, recently completed EPA studies of actual nitrogen oxide levels in the air, when compared with the air quality standards that have been set to protect public health, do not support the need for a 90 percent reduction in automobile emissions of nitrogen oxides. Accordingly, EPA, after further studies, may recommend that Congress amend the Clean Air Act to permit the Agency to fix whatever standard is necessary to achieve the degree of reduction needed.

A fundamental component of the EPA April decision was the conviction that oxidation catalysts to control emissions are workable and that the public interest dictated that the catalysts be phased into use by setting standards in California that would require their use on all conventional automobiles sold in that state in 1975. And the interim standard set for the rest of the Nation for 1975 models also would likely require the use of catalysts on some models.

We chose to phase in the catalysts because of the potential societal disruption involved in attempting to apply this new technology across all car lines in one year. Across-the-board introduction in one year would have involved real risks, says Mr. Fri. Our phase-in program, as suggested, will have significantly harmful effect air quality.

The April decision will not adversely affect the momentum of progress toward achieving the 1975 standards. Instead Mr. Fri stated he believes it is part of the evolutionary process toward cleaning up automobile emissions envisioned by the Congress when it molded and passed the Clean Air Act of 1970

Full-Employment Growth Anticipated By Bank of America

The pattern of consumer spending over the next six to nine months will largely determine the overall pattern of economic activity in the United States over the next two years, says a Bank of America economic forecast.

"The longer the current boom in consumer durables continues, the more severe will be the correction in 1974," says the current forecast, "Focus on the U.S. Economy: the Next 18 Months."

The big question facing the economy is whether the rapid expansion during the first half of 1973 can be slowed to more sustainable rates without causing an actual downturn in economic activity. The report indicates that it can.

"We believe a sustainable full-employment growth path will be achieved without a full-blown recession," the bank's economists say. "However, real output growth could be close to zero or even negative in one quarter in late 1973 or early 1974."

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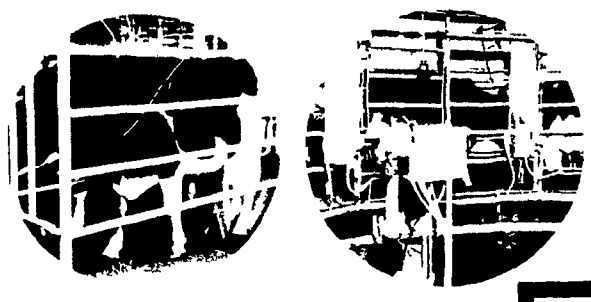

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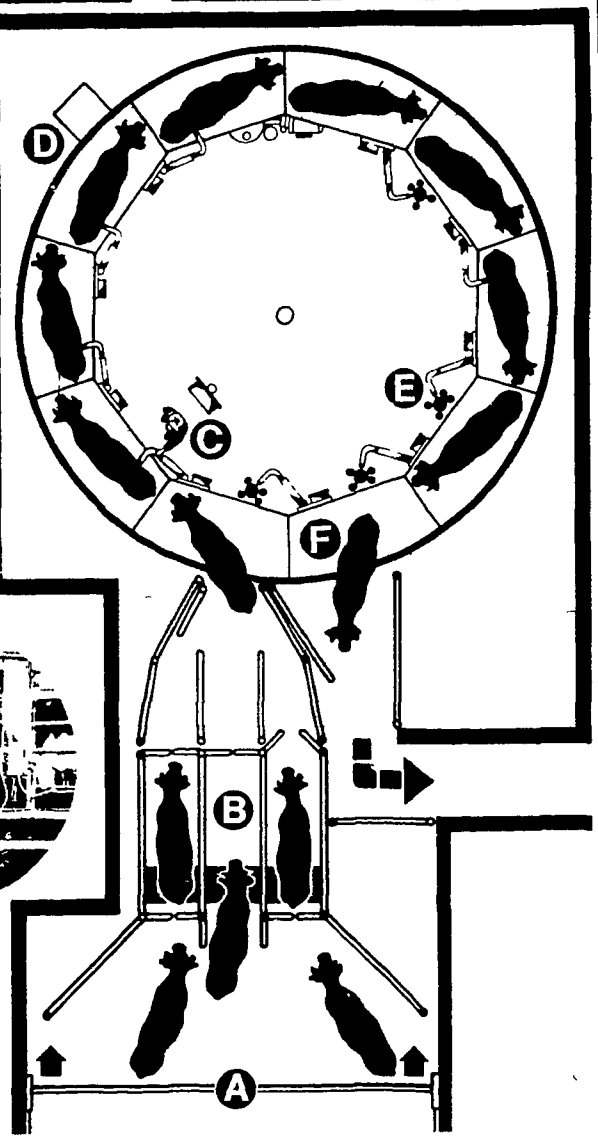

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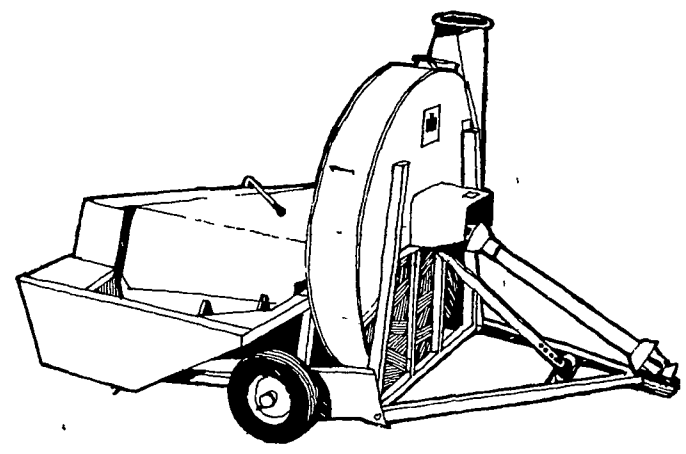

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Modified-Certified Brucellosis Status Achieved

The U S Department of Agriculture (USDA) reported that all 3,153 counties in the United States, Puerto Rico and the Virgin Islands have achieved initial "modified-certified brucellosis area" status Nueces County, Texas qualified June 28, completing the achievement.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS), explain that counties quality for this status of the cooperative state-federal brucellosis eradication program when no more than five percent of the herds and not more than one percent of the cattle are found to be infected during an 18-month testing period.

APHIS officials also reported that three counties that had previously lost modified-certified brucellosis area status have been reinstated, but that two counties have been removed from the official listing of qualified counties. All of the actions are effective upon publication in the Federal Register, scheduled for July 30, 1973.

The counties reinstated by APHIS are Nemaha in Nebraska, and McMullen and Uvalde in Texas. The counties that have lost official status are Dewey and Seminole in Oklahoma

A county's brucellosis area status may be revoked for failure to comply with one or more of the following minimum requirements of the cooperative state-federal brucellosis eradication program:

--Retest infected herd for brucellosis within six months.

--Test or quarantine the herd of origin of an infected animal found through the market cattle testing (MCT) program. If quarantined, the herd must be tested within six months

--Test a dairy herd within 30 days after a suspicious brucellosis milk ring test (BRT) has been reported.

Modified-certified brucellosis area status is not revoked, if state officials take action to correct the deficiencies. When program deficiencies have been corrected, APHIS officials explain, a county's brucellosis status is reinstated.

The goal of the cooperative state-federal brucellosis eradication program is to eliminate this diesease from all domestic livestock. To accomlish this goal, cattlemen are urged to intensify their efforts to eradicate the disease from their herds and thereby qualify their cattle and their counties as "certified brucellosis-free."

To qualify as a "certified brucellosis-free area", no more than one percent of the herds and not more than 0.2 percent of the cattle can be found infected during the 18-month testing period immediately preceding the request for certification, and all herds must be free of brucellosis before recognition is authorized by USDA.

Nationally, over 61 percent of the 3,153 counties in the United States, Puerto Rico and the Virgin Islands have qualified as "certified brucellosis-free." All counties in 30 states and the Virgin Islands have achieved this status.

The qualified states are: Arizona, California, Connecticut, Delaware, Hawaii, Idaho, Indiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, Utah, Vermont, Virginia, Washington, West Virginia and Wisconsin.

+++

Beetles Galore

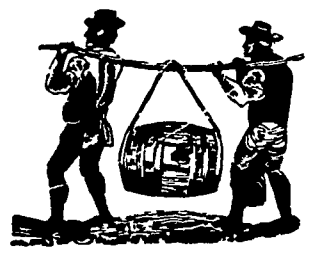
Beetles form the largest major group in the animal kingdom. At least 250,000 kind are known to man and this constitutes more than a quarter of all kinds of animals.

THE OLD FARMER'S ALMANAC

AUG. 13-19, 1973

Do something for you, or least threaten to.

From now 'til the end of this month is the best time to bud fruit trees . . . Babe Ruth died Aug. 16, 1948 . . . The Full Sturgeon Moon Aug. 13 . . . Shrimp Fleet Blessing in Louisiana this week . . . Average length of days for week, 13 hours, 51 minutes . . . Dog days end Aug. 19. . . . But cat nights commence now . . . L.A. flies U.S. flag Aug. 13, 1846 . . . A burden which one chooses is not felt.



Old Farmer's Riddle: What bar opens but never shuts? (Answer below.)

Ask the Old Farmer: In the 1930's there was a country store in New England that sold a cheddar cheese they claimed was aged in a manure pile. Of course under sanitary conditions. I have eaten this cheese, and found it delicious. Is the aging method fact or fiction? E. M. B., Philadelphia.

Fact. Of course, "under sanitary conditions." Horse manure is favored, as we get it.

Home Hints: After waxing your linoleum floor, prevent marks by waxing the bottoms of your rockers and chair legs Candles will burn longer if you chill them thoroughly in the refrigerator before use . *Riddle answer* A crowbar.

OLD FARMER'S WEATHER FORECASTS

New England: Don't forget your umbrella: rain all week.

Greater New York-New Jersey: Heavy rain to start, temperatures cooling off; lighter rain continuing through latter part, then cloudy and hot on weekend.

Middle Atlantic Coastal: Rain and hot at first, then cooler by midweek; rain continuing latter part. Warmer on weekend.

Southeast Coastal-Piedmont: Moderately heavy rain to start, then partial clearing through end of week; rain all week along coast.

Florida: Intermittent rain and hot all week.

Upstate & Western N.Y.-Toronto & Montreal: Clear and warm through midweek, then rain continuing to end of week.

Greater Ohio Valley: Partly cloudy most of week, then rain on weekend in west; rain all week in east.

Deep South: Light rain and hot throughout the week.

Chicago and Southern Great Lakes: Week begins clear and hot, then rain and cooler by midweek; showers latter part.

Northern Great Plains-Great Lakes: Rain and warm most of week; partial clearing on weekend.

Central Great Plains: Rain to start, then some clearing by midweek; rain and warm latter part.

Texas-Oklahoma: Most of week hot and rainy; partial clearing by weekend.

Rocky Mountain Region: Cloudy to start, then light rain by midweek, clear and hot latter part.

Southwest Desert: Week begins partly cloudy, then light rain before midweek; end of week cloudy with highs to mid-100s.

Pacific Northwest: First part of week cloudy and cool; remainder of week mostly clear and hot.

California: Clear and warm through midweek, then light rain and cooler to end of week.

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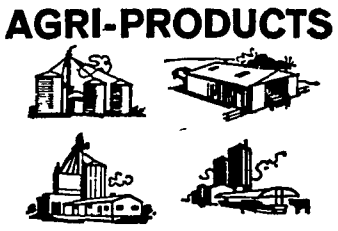

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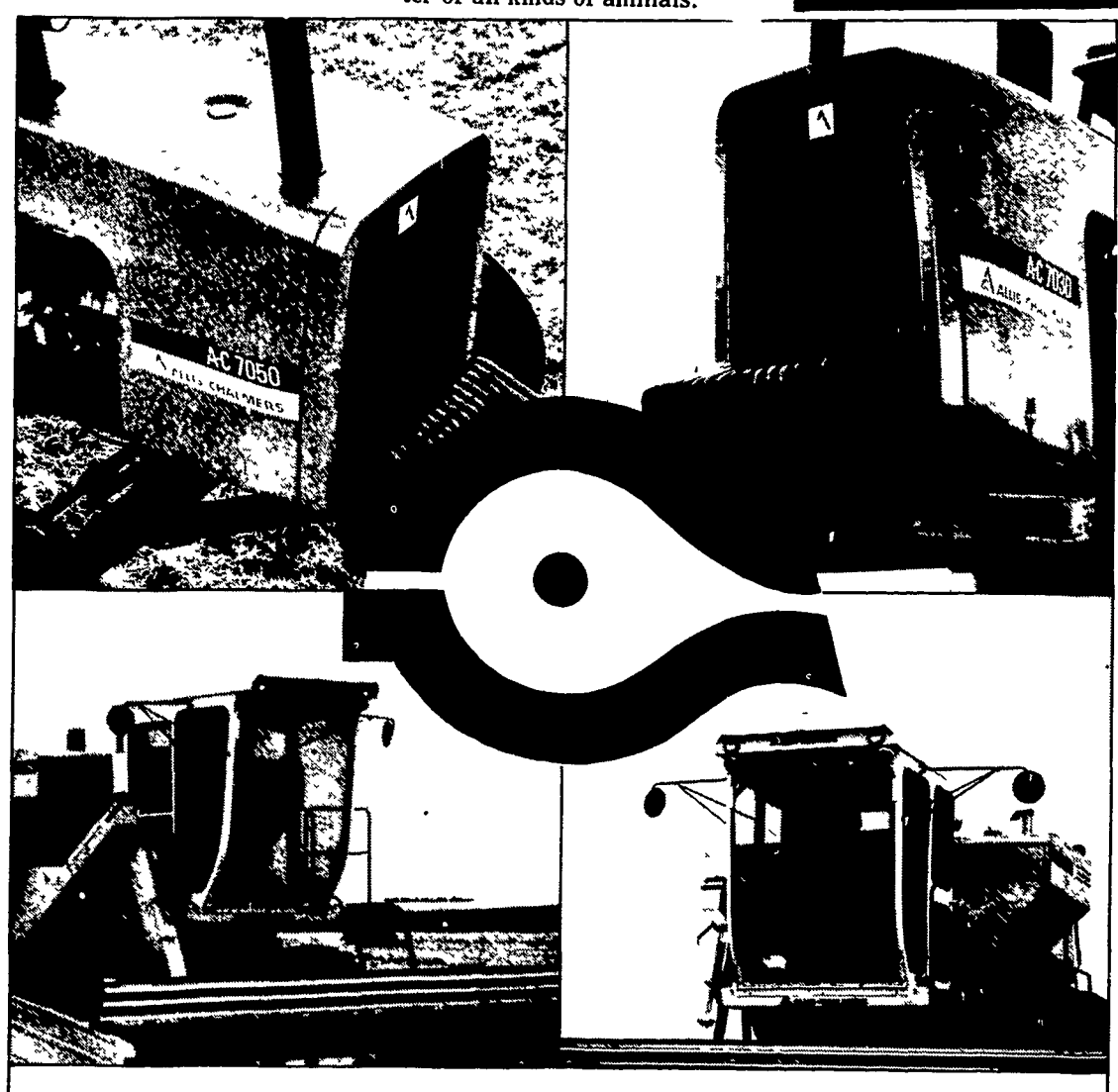

See the "Eye Openers"

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Stop in and compare the new 130 horsepower 7030 tractor, 155 horsepower 7050 tractor, *Gleaner* Model L combine and *Gleaner* Model M combine.

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ALLIS-CHALMERS

We're gonna open your eyes!

Angus Sire Progeny Steer and Steak Contest

A cash prize of $2,250 plus the returns from a special Angus Beef Auction is awaiting the winner of a unique Angus Sire Progeny Steer and Steak Contest scheduled for the World Angus Forum in Kansas City, Missouri, October 1-2-3-4. Prizes in the event may total up to $14,250, depending on availability of production records of the sires

The contest, one of four big shows at the Forum, is designed as a practical and educational approach to steer show competition with special emphasis placed on parentage, actual age and controlled feeding. The 121 calves, entered as 21 sire progeny groups of five or six steers, are all sired by registered Angus bulls and were born between January 1 and May 31, 1972. All of the 121 calves were nominated for the Contest before they were five months of age and were then marked with a special tattoo by regional managers of the American Angus Association.

In January, the progeny groups were received at Kansas State University, Manhattan, where they were placed on a winter growing ration for four months The steers were then individually penned and placed on 140-day feed test May 7. After the feed period, the final placing will be determined by feed efficiency and gain, live conformation, and carcass quality and cutability.

All 21 groups will be delivered to Kansas City on September 29 and will be judged as groups on foot beginning at 8:00 a.m on Monday, October 1. Following the live placing, they will immediately go to slaughter at Wilson and Company. On the final day of the Forum, special cuts from the top carcasses selected from the live placing and carcass placing will be sold at an Angus Beef Auction held in conjunction with an Awards Luncheon at the Muehlebach Hotel.

Judging the cattle live will be Orville Kalsem, Huxley, Iowa; Frank Fox, California Polytechnic Institute, San Luis Obispo and Dave Pingrey, Black Bull Cattle Company, Benton, Mississippi. The carcass judges are Ike Baker, Dawson-Baker Packing Company, Inc., Louisville, Kentucky; Dr. E. A - Kline, Iowa State University, Ames, Jerry Seimet, vice-president in charge of meat merchandising, Milgram Food Stores, Kansas City and Dick Theobold, area supervisor, USDA grading service, Kansas City

Overall first prize in each of the three age classes will be $1,000. Second through seventh prizes will be $800, $600, $400, $300, $200 and $100 An additional 25 percent will be added to these premiums if sire of the group has been measured in A.H I.R at weaning age and yearling age The grand champion group will receive an additional $1,000 and the reserve $500.

Entered in the contest are 21 progeny groups from 10 states including the following farms and ranches

Arrowhead Angus Ranch, Ada, Oklahoma, William A Womack, Jr., Ashford, Alabama, Griswold Cattle Co Farms, Livingston, Wisconsin, Jewell Sloan, Cameron, Missouri, Wagonhammer Angus Ranch, Albion, Nebraska, Jorgensen Brothers Angus, Ideal, South Dakota; Briarhill Angus, Union Springs, Alabama, Richard D Miller, Blue Mound, Kansas, Moyer Angus Farms, Hopkins, Missouri, Charmar Farms, Cameron, Missouri; Fullerton Farms, Miami, Oklahoma, Barnes Angus Ranch, Cody, Nebraska, David R Miller's Sun Up Farms, Smithville, Missouri, Bradford Brothers, Guthrie Center, Iowa, Tree Lane Farms, El Paso, Illinois, J. J. Offutt & Sons, Mexico, Missouri, Berl E. Priebe & Son, Algona, Iowa, Scotch Valley Angus Farm, Carlisle, Iowa, Aristocrat Angus Ranch, Platteville, Colorado, Burch Angus Ranch, Mill Creek, Oklahoma, Taft Angus Farm, Rochester, Illinois, Walbridge Farms, Millbrook, New York

Guernsey Field Day Tuesday

The annual Field Day of the Lancaster County Guernsey Breeder's Association will be held beginning at 10 a.m. Tuesday, August 14, at Romella Farms,Strasburg RD1.

The morning program will include judging of three classes of Guernseys. Prizes will be awarded at the afternoon program in the mens', ladies and youth divisions for outstanding judges. The official judge will be Shop Wolfe, Carlisle, prominent Guernsey breeder-manger.

There will be a drawing for a calf, which will be awarded by the Romella Farms hosts, to a lucky youth. To be eligible for the drawing, youngsters must be between the ages of eight and 18, must become a 4-H or FFA member if not already a member of either Club, and must show the calf at dairy shows.

Following the morning judging, a pork barbecue lunch will be served at a nominal fee.

The afternoon program, to begin at approximately 1 p.m., will feature a panel discussion on feeding, breeding and calf raising, drying-up and freshening procedures Panel members will consist of Fred Crider, Raymond Witmer, K. D. Linde, and Robert and Larry Breneman.

Miss Raelene Harbold, Lancaster County Dairy Princess, will be on hand to help give out prizes to top judges.

Directions to Romella Farms: South from Lancaster, take Route 222 to Hessdale, turn left on Bunker Hill Road, take first road right and follow the signs

It s smart to drive slowly through small villages — the local gendarmerie may be broke

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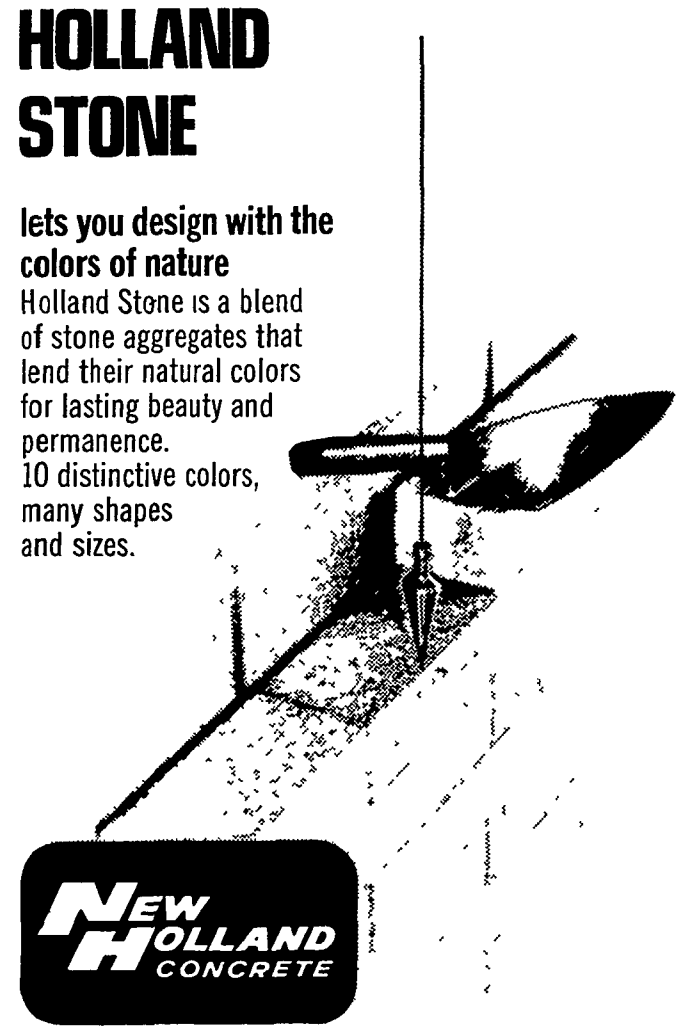

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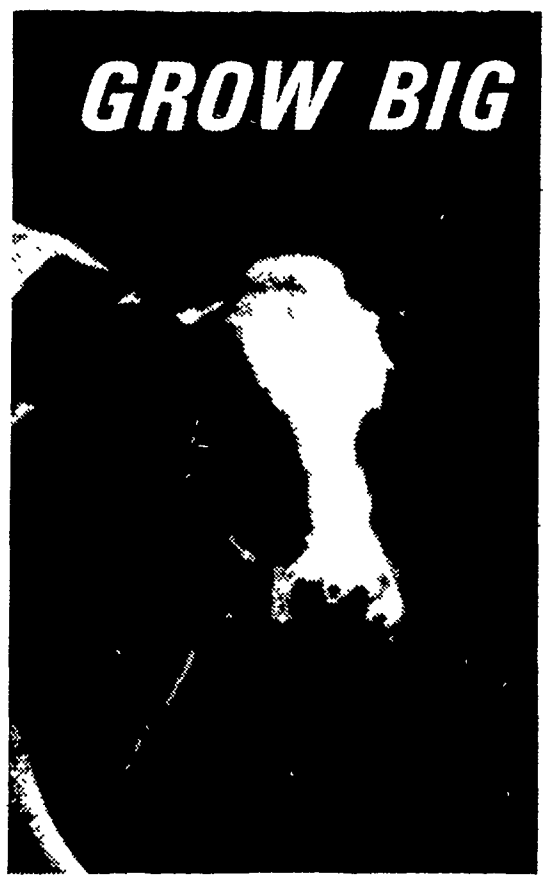
GROW BIG



HEIFERS FAST at low cost with... PURINA HEIFER CHOW

More and more local dairymen are proving that a small extra investment in heifer feeding can pay off when heifers freshen and begin contributing to the milk check.

And research has proved that heifers which produce well in the first lactation continue to be high producers over a longer milking life than average cows.

Purina* Heifer Chow* has been developed to help you grow big heifers fast, conveniently and at low cost. Heifer Chow is a palatable coarse 14 per cent protein ration, fortified with vitamins and minerals to stimulate fast, solid heifer growth.

To build low-cost growth, you need feed only 3 pounds of Heifer Chow per heifer per day if your legume forages are of good quality. For best results, start your heifers on the Purina heifer growing program at six months of age until 90 days before freshening when they'll be fed on the basis of their condition and on the quality of your forage.

Drop in soon and pick up a copy of our Purina Heifer Growing Program folder. It explains the program to follow for fast-growing, early-freshening heifers at low cost.

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PURINA CHOWS

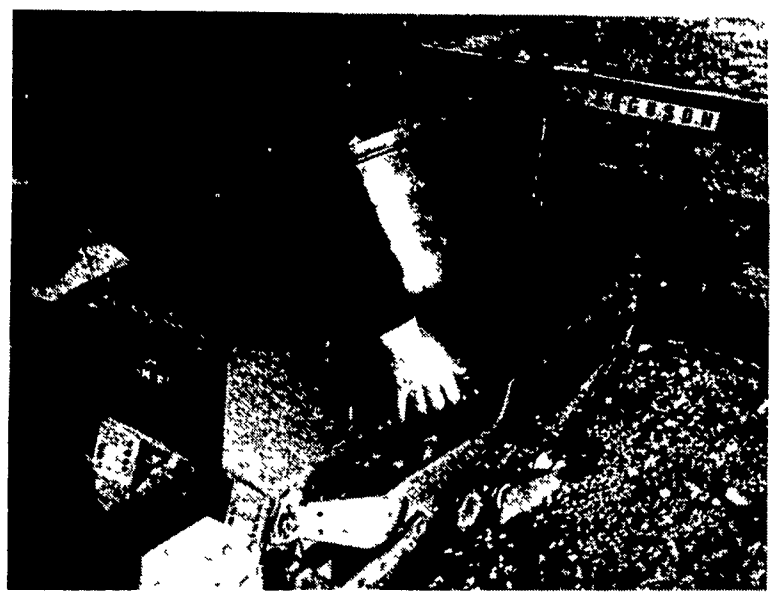
Take Time to Store Your Planter Properly

Aside from weather, nothing affects financial success of a crop like the way it is planted. Nothing. Even the most carefully applied herbicides and fertilizers can't make a poorly planted crop provide great yields, so if you don't do anything else when you've finished planting, take time to put your planter away properly so it will be ready for next year.

To help guide you through the maze of lubrications, adjustments and checks to be made, Massey-Ferguson's planter engineers have developed the following suggested list:

1. Carefully check over entire planter. Correct any obvious problems Replace (or order replacements for) worn parts.
2. Clean all ground-engaging parts, apply grease or heavy oil to all polished surfaces to prevent rusting.
3. Empty seed hoppers and clean them thoroughly. Coat moving parts at the bottom of the hoppers with heavy oil.
4. Remove all seed hoppers, planting mechanisms and seed plates and store in a dry place. Follow manufacturer's recommendations for planters that do not use plates.
5. Clean seed tubes thoroughly.
6. Empty fertilizer hoppers and thoroughly clean them inside and out Coat inside and outside surfaces with oil. Set collars on lift rods to hold openers off the ground
7. If liquid fertilizer is used, flush tanks well and clean dispensing system thoroughly.
8. Remove and clean herbicide and insecticide dispenser augers and hoppers, but be careful where you dispose of herbicide or insecticide waste.
9. Remove all roller chains and store in a can of light oil.
10. Coat all detachable link chains with oil.
11. Store in a shed or cover with canvas in a protected place.

Don't however, let this post-season servicing be the only one your planter gets. Be sure to check it over again next season and follow the manufacturer's recommendations for taking it out of storage. That way you can expect to get all the good service and long life the manufacturer has built into the most important machine you own.



A heavy coating of grease on ground-engaging parts of your planter will protect them from rust while stored between seasons.

All seed hoppers should be emptied completely and thoroughly cleaned before storage. When the cleaning is completed, don't put them back on the planter. Store them in a dry place until next season.

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- Rot proof silo rope.
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Governor's Proclamation Hails State Grange

Governor Milton J. Shapp has hailed the Pennsylvania Grange for its service to "its communities, its state and the nation for the past 100 years" in a proclamation commemorating the centennial anniversary this year of the state organization. Flanking Gov. Shapp as he signs the proclamation are: A. Wayne Readinger (right) of Fleetwood, State Grange Master, and Miss Mildred Shultz, Somerset, chairman of the state lecturer's committee. Standing (left to right) are: Clifford Tinklepaugh, of Thompson, state overseer, J. Luther Snyder, Camp Hill, state secretary, and State Agriculture Secretary James A. McHale. The centennial celebration will be climaxed at the 101st State Grange meeting in Reading October 22-25.

Metzler Attends Coop Institute At New Orleans

Gerald Metzler, Christiana, RD1, is one of over 750 Youth Scholars from throughout the United States attending the National Institute on Cooperative Education at Tulane and Loyola Universities in New Orleans August 6-9, 1973.

While at the Institute, youth scholars will be exploring career opportunities with cooperatives, discussing the American economic system, and selecting two "Associate Youth Trustees" who will attend meetings of the American Institute of Cooperation (AIC) Board of Trustees.

The youth scholars, most of them sponsored by local and regional cooperatives, will also praticipate with adults at the Institute in a number of general sessions featuring nationally-prominent speakers. The youth scholar programs include "rap sessions" with AIC trustees and other cooperative leaders, case study sessions on how cooperatives operate, a visual presentation of the various types of cooperatives in the South and their services, and a program on cooperative business philosophy.

Other program highlights for the youth scholars will be tours of the two university campuses and the historic French Quarter; an agribusiness boat tour of the New Orleans port; talent and awards programs; social mixers and a dance.

Youth scholars from more than 40 states are represented at the Institute, which is sponsored by the American Institute of Cooperation, Washington, D. C., and leaders of farmer cooperative organizations in the states of Alabama, Louisiana and Mississippi. AIC is a national educational organization serving more than 1,200 farmer cooperatives and their members.

Farmers in Dixie Adopt Beef Cattle As New Farm Crop

There's something new in Dixie. Lush Bermuda grass pastures are spreading throughout the South and it is being eaten by beef cows and calves.

Today, ten southern states rank cattle production among their top two agricultural industries, with beef calves the top farm-income maker in six states and second in four more.

Bill Culp, a New Holland equipment dealer in Bossier City, La., can see a general improvement in farming in the South since cattle ranching was introduced a few years ago. This optimistic viewpoint is shared by many of his customers, including Jess Loyd, banker and rancher.

Mr. Loyd is vice president of the First National Bank of Shreveport. He says that he knows how the cattle business is growing in Louisiana because his bank is financing much of the expansion on local ranches.-

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PEANUT SHELLS - Book Fall deliveries now and save dollars.

CONSIDER - the possibility of adding anhydrous ammonia directly to CORN SILAGE to increase protein content.

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It Seems Inappropriate

In a feature on "The Fallacy of Price Controls for Food," Mr. Leo Melamed writing in The New York Times observes, "How often is it explained that although food prices have risen significantly, they have risen far less than most goods? Or how often is it pointed out that while prices for all consumer items rose by 58 percent during the last 20 years and housing prices rose by 64 percent, prices for retail food went up only 47 percent since 1952 and the price of food eaten at home rose less than 40 percent? Even this. . .is not the full story, since our average food bill, which took 23 percent of our after-tax disposable income in 1952. . . .Who has had the courage to point out that during this same 20-year period, while home food prices rose by 40 percent (but took 7 percent less of our after-tax income), the hourly wages received by laborers went up 140 percent?"

Mr. Melamed observes that it is not his intention to be critical of wage increases, but simply to emphasize the unfairness of using today's rise in food prices as a reason for even higher wages. It is a simple fact that if food prices had kept up with wages since 1952 a quart of milk today would cost 55 percent more, a dozen eggs 161 percent more, a pound of hamburger 151 percent more and a pound of round steak 267 percent more. In the light of figures such as these, a freeze on food prices but none on wages hardly seems appropriate. In the long run, such policy can only breed scarcity and black markets.

"Grassroots Opinion"

WINSTED, CONN., EVENING CITIZEN: "When a woman gets a job traditionally held by a man, or enters a field heretofore dominated by men, that's news. Lately there's been much news of this nature; it's getting to be about as old hat as dog bites man. Comes now a man bites dog item--and we hasten to say that this figure of speech is not intended in the slightest degree as an insult to the ladies, for whom we have the most extreme regard. But consider if the characterization is not apt: For the first time in its 112 years, during most of which time it enrolled only women, Vassar College has a male student government president. Ah, well, a little men's liberation is not a bad thing, either."

NEW LONDON, IOWA, JOURNAL: "About the high cost of living--cigarettes sell for about $2.89 a pound and I don't recall anyone complaining about them being high--yet to pay $1.89 a pound for beef steak drives some shoppers right up the wall. It's a funny thing, but I know people who'll pay 90 cents or $1.25 for a drink and never say a word about the 'high cost of drinking' but to pay over $1.00 a pound for hamburger. . .is a different story!"

GLENWOOD CITY, WICS., TRIBUNE: "Imitation, artificial and fake seems to be the way we are living these days. I don't mind so much about jewelry, furs and material but when it comes to food I wonder how healthy it is for a steady diet. I never realized how much of the food products are imitation until last week when I paid for and carried home a jar of imitation peanut butter, because I didn't look at the label close enough. One taste of it and in the garbage it went. If the price was half as much I could see using it but for a few cents more you can get the pure stuff and that maybe is none too good."

ALBEMARLE, N.C., STANLY NEWS AND PRESS: "The fuel shortage is no myth. Just how serious it may become in the months ahead cannot be accurately foretold. It is important that we get ourselves conditioned mentally for such a shortage and come to realize that we may not be able to go as nearly everywhere we desire as we have in the past, and our homes and other buildings may be a couple of degrees cooler in the winter than formerly. With these things we can become accustomed, even though we may dislike the idea."

HYATTSVILLE, MD., PRINCE GEORGE'S POST: "Life must be worth living The cost has more than doubled and we still hang on."

CENTRAL VALLEY, CALIF., VALLEY TIMES: "A wise commentator on the social scene says that instead of congressmen getting free postage so they can write to us taxpayers cheap, we should get free postage to use when writing to our congressmen. This, he says, would put things in their proper order, based on the alleged relationship between employers and hired help. We pay the lawmakers' wages; we pick them for their jobs; our money subsidizes all postage franking, and we should be telling them instead of them telling us."

LAMONT, OKLA., VALLEY NEWS: "The Watergate incident has proved one thing; there is still much need in our society for a free and critical press. Without the perserverance of a few reporters in keeping at the story despite the pressure involved, the unscrupulous tactics involved would never have been found out. Totalitarian tactics, as those employed in the caper, do not belong in our democratic, political process. If they really do, then we are much closer to becoming a totalitarian state than many of us believe."

FARIBAULT, MINN., NEWS: "A lot has been said. . .about the declining value of the dollar. Nevertheless, we don't know of any country that has declined American aid!"

"Some families in Burlington, Wisconsin. . .conducted an experiment to see how they could get along," reports Cipsco News, a Central Illinois Public Service Company publication, "if a crippling shortage developed. They used candles for light, did not use any electrical appliances, left their cars in the garage and generally pretended that the worst had happened. Perhaps some of the government officials who deal with energy problems should have participated, too. If they knew what it was like to do without gasoline or electricity, maybe it wouldn't take three years, as it often does now, to get through the red tape and obtain a license for a new power station. Do you think they still would take as long to decide if the polar bears and caibou would be disturbed by an oil pipeline in the Arctic? We doubt it."

According to The Wall Street Journal, "Cost of attending college rose about $100 to $150 during the past year, the College Entrance Examination Board said. The average yearly cost of college can range from $1,637 for commuter students at junior colleges to $3,279 for residents at private four-year schools."

"Courage is a virtue only in proportion as it is directed by prudence."--Francois De Salignac De La Mothe Fenelon.

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

TO BEWARE OF LIVESTOCK RUSTLERS

With the high current values on all types of livestock, the temptation to steal animals might increase. We have heard of thefts in other parts of the state and the country. The scarcity of red meat will increase the danger of animals being stolen. It's difficult to know how to protect livestock against rustling, but well-lighted premises at night will make it more difficult. Also, a good watch dog should challenge any intruder; loading ramps and chutes should be locked. If the family goes away for a day or an evening, nearby neighbors should be alerted to watch for strangers. Animals on pasture should be checked often and persons living nearby should be alerted to inform owners of strangers near the livestock. Producers should try to make it difficult for anyone to steal their animals.

TO FLUSH EWE FLOCK

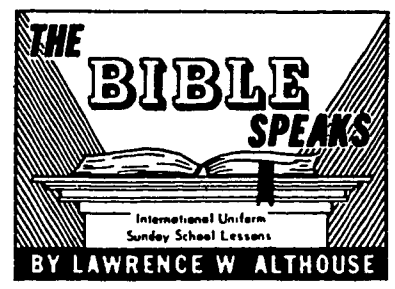
The sheep breeding season is approaching and a healthy ewe flock will help get a larger lamb crop next spring. Several weeks prior to the breeding time it will help if the ewes are given additional grain or placed on a lush pasture containing a large percentage of grass in the forage mixture. Straight legume pastures should not be used because of the danger of bloating, and grass pastures have given better breeding results. If the ewes are in a gaining condition at the time of service, they will usually produce more twin lambs.

TO PROTECT MACHINERY

It's not time to be putting the machinery away for the season, but it is time to be planning on a good storage place for all pieces of farm equipment. If a new machinery shed is needed, and we prefer a separate building for machinery storage, then plans should be made for construction before winter arrives. The investment in machinery requires that it be stored out of the weather when not being used. Since rust is the major enemy of most farm machinery, winter protection is a good investment. When the main barn is used for machinery storage, the risk of greater losses in case of a fire increases. Good farm management includes proper machinery storage.

TO SPRAY ALFALFA

Far too many local alfalfa fields are turning yellow at this time of the year when they should be a healthy green. In most cases this yellowing is due to either leaf hoppers or aphids. Both of these insects are working in alfalfa fields at this time. The use of Malathion, Parathion, or Diazinon should control the aphids; leaf hoppers can be eliminated with Methoxychlor or Parathion. Best results can be attained if the crop is sprayed when 3 to 6 inches tall. If the cutting is nearing maturity (bud to blossom stage) then it should be harvested and sprays held for the new growth. Alfalfa is still a very important protein crop; maximum yields are needed and will help reduce the feed costs.



THE ANSWER WITHIN

Lesson for August 12, 1973

Background Scripture: Proverbs 23:19-21; 29-35; 1 corinthians 10 6-13, 31, Galations 5 13-24.
Devotional Reading: Philippians 4 4-13.

American adults, shocked and bewildered by the cancerous growth of narcotics addiction in the United States, often are overheard to ask: "Why? Where did we go wrong?" One observer, John Charles Cooper, thinks we ought not to be so puzzled. In his book RELIGION IN THE AGE OF ACQUARIUS, he says: "Most young people taking drugs today really learned about pills and the possibility of drug relief at home, not on the streets with their peers. A drug-oriented culture such as upper- and middle class America was bound to end up with child addicts sooner or later —and it has come very soon indeed" (Westminster Press, Philadelphia, 1971).

Rev. Althouse

Where God should be

Without necessarily agreeing with the extremity of his conclusion, I would agree that we must look more deeply in trying to assess the lure of the drug culture among youth and young adults today. Like many adults in the world about them, they are looking for the answers to life's problems and frustrations in things outside themselves. They have been conditioned by television and other media to believe that whatever is our difficulty, there is a pill or drug to be taken for its relief. The resource you need, they have learned, is something outside you, something you can ingest and absorb:

Do you have pain? Here's a pill to bring relief!

Are you unpopular? Here's a mouthwash that will change all that!

Do you need prestige and admiration? Our car will bring you that!

Do you want to be a man of distinction? Drink our whiskey and you will be!

The answer, we are lead to believe, is always outside us.

Yet, in fact, the answers we seek are more frequently within us. Even medically speaking, pills and drugs are not the answer, but often simply allow the healing power in the human body to do its work. The answers to most of our problems are not "out there," but as close as the God who dwells within us. Pills, drugs, alcohol, and all kinds of material goods may very well become substitutes for God. They occupy the place in our lives where God alone should be.

Beyond drunkeness

Narcotics, alcohol, and other things outside of us are often used as the means whereby people try to cope with the problems and frustrations of life. Yet, as the writer of Ephesians puts it, ". . . do not get drunk with wine, for that is debauchery; but be filled with the spirit" (5:18). These "outside" things may be alternatives to God's Spirit.

Drunkenness and addiction are bad enough by themselves, but the issue really goes beyond this. Addiction and Christianity are competing religions. Both are a total way of life.

Angus Bulls Featured on New Commemorative Postage Stamp

Angus bulls with Longhorn cows are featured on a single commemorative 8 cent postage stamp which will be issued in St. Joseph, Missouri, on October 5, reports Lloyd D. Miller, executive secretary of the American Angus Association.

The stamp, according to an announcement by the U. S. Postal Service, is the first in a series honoring aspects of life in Rural America. The issuance will be in St. Joseph the day following the World Angus Forum October 1-4 in Kansas City, Missouri, and the ceremony will be the first stop on the 100th Anniversary National Angus Tour. The first day of issue ceremonies will be sponsored jointly by the Postal Service and the American Angus Association at the Association's headquarters in St. Joseph.

The stamp design was adapted from a painting by Frank Murphy of Chicago, Illinois. It shows Angus bulls from Scotland and native American Longhorn cows in a prairie setting. The painting was commissioned by the Angus Association to commemorate the 100th anniversary of the importation of the first Angus bulls into the United States. The first four Angus bulls were brought to Victoria, Kansas, by George Grant to cross on Longhorn cows Grant, a wealthy London silk merchamt, had established an agricultural colony near Victoria. The bulls arrived there on May 17, 1873.

The modeler was Frank Waslick and the engraver was Joseph S. Creamer Jr, both of the Bureau of Engraving and Printing. Yellow, red, green and tan will be applied by offset, with blue, black and red being added by Giori press. There will be one plate number, and there will be 50 stamps to a pane.

Collectors desiring first day cancellations may request these from "Angus Stamp, Postmaster, St. Joseph, MO 64501," enclosing 8 cents per stamp desired and with the request - postmarked no later than October 5.

Additional single stamps in the Rural America series will be issued in 1974, according to the Postal Service.

Annual Bad Debt Loss by Business Hits $5.9 Billion

Nearly $6 billion in bad debt losses have been incurred yearly by American corporations, according to Dun & Bradstreet Inc. Reports.

Based on a sample of returns filed with the Internal Revenue Service of 1.7 million corporations, the data was gathered by the firm's business economics department. Losses averaged 0.38 per cent of sales for the 1969-70 fiscal year by all incorporated industries, or a total loss of $5.9 billion, Dun & Bradstreet said.

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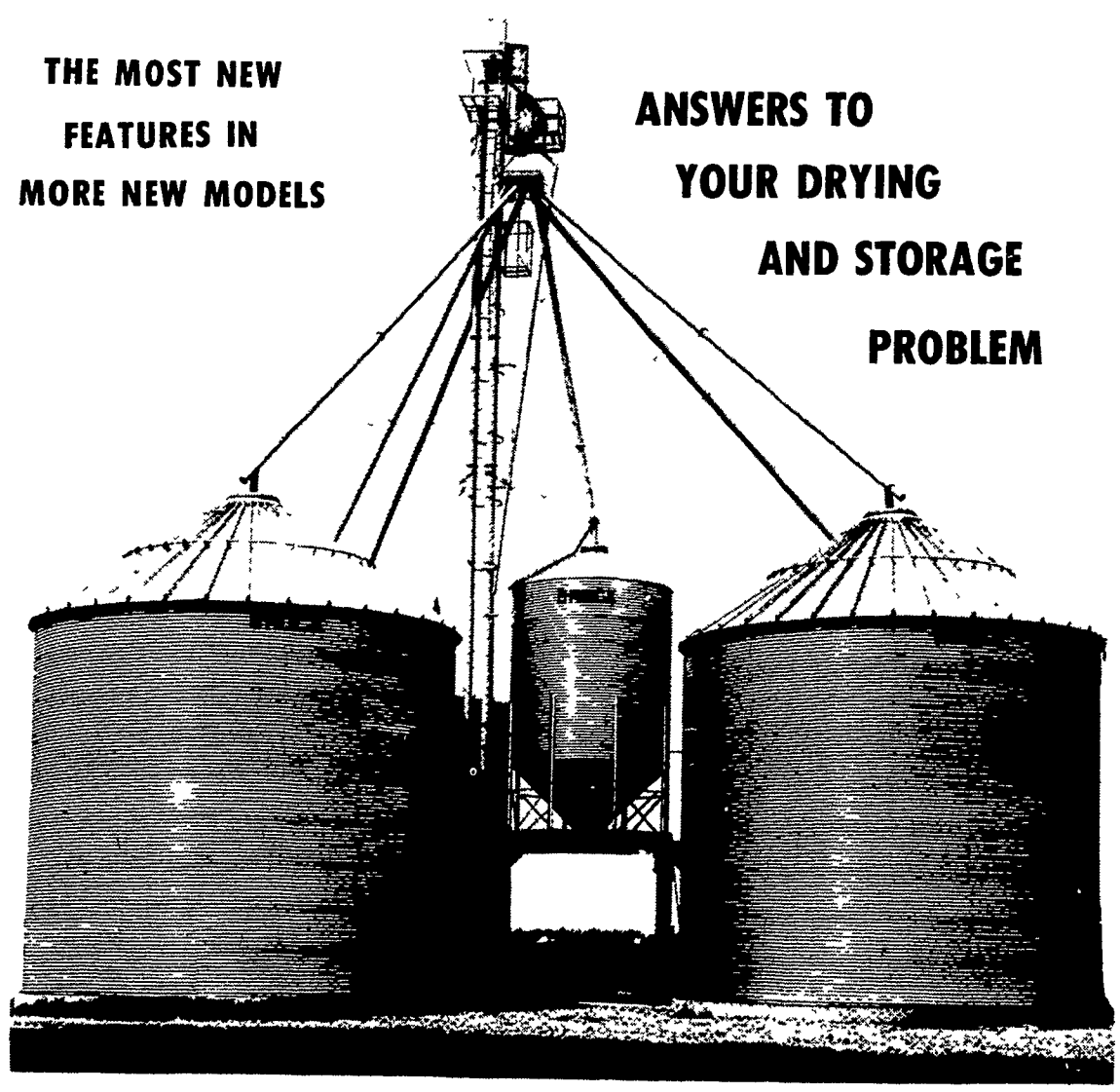

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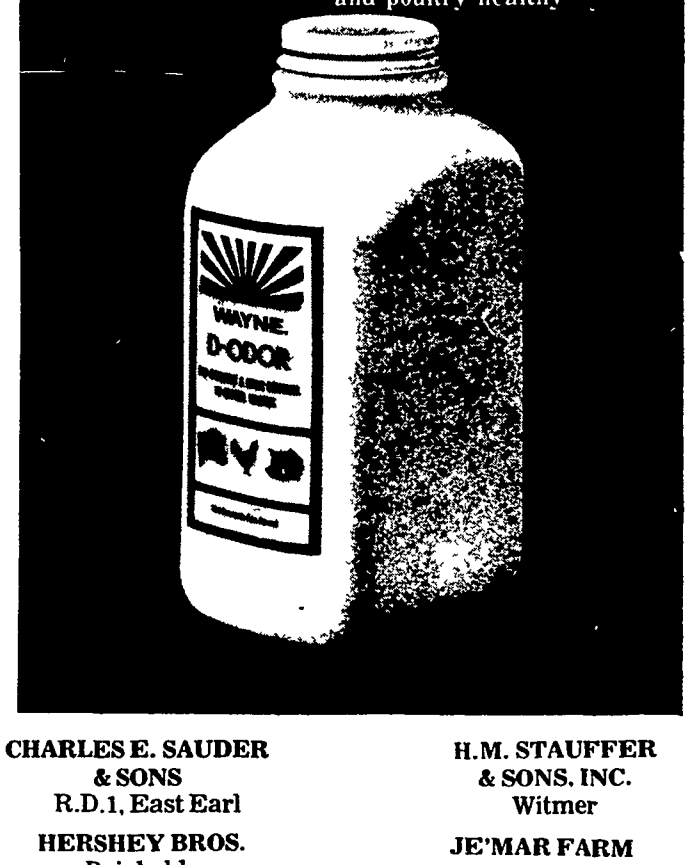

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Hedging

(Continued From Page 1)

ahead of the game. If the bears are wrong, the farmer who hedges will earn less than he would on the open market The reason for hedging, according to many bankers and farm economists, is the ability to predict an acceptable level of profit, even if hindsight reveals that profit to be lower than it might have been In the Midwest, many farmers are able to borrow money only because they routinely lock in a profit by hedging on the futures market Locally, ag bankers say hedging isn't employed by very many farmers as a management tool. But they foresee the day when more and more farmers will be using it

Hedging isn't something to step into lightly, we were told by one banker. It takes a lot of careful thought, and a good record keeping, system A farmer who wants to hedge should arm himself with as much information as he can possibly get. Eventually, the hedger winds up talking to a commodities broker, like Reynolds Securities in Lancaster, or Rosenthal & Co. in Allentown. To find out what goes on in a brokerage office, we visited the Rosenthal firm on a recent market day.

One thing a visitor learns, shortly after noon, is that commodity brokers don't eat lunch If a man were to spend his entire working career with a commodities brokerage firm, chances are good that he'd never go to a business lunch.

From about ten in the morning until after three in the afternoon, all four brokers in the Rosenthal office were on the phone talking to customers and traders. They constantly scanned TV screens bearing the latest computerized quotations from commodity markets around the country. Periodically, they read financial news reports as they came in over a teletype machine.

Firms like Rosenthal are always busy on market days, but lately they've been even busier. Trading in commodity futures throughout the country is at a record level.

Since organized trading in futures began in this country more than 100 years ago, it has passed through several periods of rapid growth. During the last decade, both volume and the number of commodities traded have increased dramatically. In certain years, the dollar volume of trading on the Chicago Board of Trade alone has approached that of the New York Stock Exchange Now, there are 20 licensed exchanges in the U S., doing business in the neighborhood of $200 billion a year.

This impressive figure represents the dollar volume of all the commodities traded. They range from soybeans and grain sorghum to plywood, and they have one thing in common: Those speculating in them can make--or lose--a fortune in a matter of minutes

This is the glamorous aspect of futures trading--the ability of speculators to make money by playing the market But at least as important is the businessman on the other end, the hedger, who uses the futures market to protect himself against financial loss.

A new study by the USDA's Economic Research Service (ERS) took a look at hedging in the livestock futures market. What it found could encourage more cattle and hog producers interested in minimizing financial risk this way.

The exchanges where commodities are bought and sold grew out of the need for advanced sales by merchants who accumulated farm stocks.

Until development of the commodities market in the mid-1800's trading was chaotic--corn, wheat, and other crops would pour into the big marketing cities at harvest time. This created a glut, and in turn, low prices for farmers.

At other times of the year, the situation was reversed. Stocks of commodities were depleted, and demand drove prices sky high.

With the changing patterns of commodity movements, the main business of the exchanges today is the trading of commodity futures--which are contracts for the sale and purchase of yet-to-be marketed products. Selling crops this way provides wide dissemination of information on price expectations and thereby facilitates a more even flow of products to market. Today's futures prices reflect conditions which eventually influence the retail prices of eggs, bread, beef, pork, and other products several months hence

Unlike many other commodity futures, livestock trading is of relatively recent vintage. It was not until November 1964 that trading in live cattle futures opened on the Chicago Mercantile Exchange. Trading in live hogs began 15 months later

Since then, livestock futures trading has literally grown by leaps and bounds. Between 1965 and 1972, the volume of cattle futures increased from 2.7 billion pounds to 38 6 billion pounds. Trading in hog futures went from 71 million pounds in 1965 to almost 11 billion in 1972

In terms of dollar volume, livestock futures trading is now more than a $16 billion annual business

Why would a cattle or hog feeder use the futures market? A major reason is to attempt to reduce risk from the sharp price fluctuations common with livestock.

For example, to use the standard contract size of 40,000 pounds, a cattle feeder may put 40 head of cattle in a feedlot. He plans to feed them to 1,000 pounds each and then sell them. Hedging this, he would be able to fix the price for the cattle when they are placed in the feedlot, 4 months before the finished cattle are actually sold

He would do this by selling a futures contract calling for delivery 4 months hence. In this way, the price risk may be partially shifted to a speculative buyer of futures.

Chances are that this contract will never be fulfilled. Instead, it will be terminated by an offsetting transaction in which the seller--the cattle feeder--will buy back an equal amount of cattle futures on the exchange before the original contract comes due. By maintaining opposite positions in cash and futures during the feeding period, the hedger hopes to offset what happens in the cash market by what happens in futures. A loss in cash will mean a gain in futures, and vice versa.

Normally, traders have tended to talk about hedging as if the cattle feeder always sold a full animal for every animal he had on feed. In actuality, however, the hedge is usually "incomplete"--that is, only part of an animal is sold for each animal on feed. Another way of saying this is that the feeder trades in smaller quantities on the futures market than he does on the cash market.

According to the ERS study, the cattle feeder can best shift his risk by selling about three-quarters of a steer for every steer in the feedlot Over the years, the study said, this "minimum risk hedging level" has resulted in the greatest stability of return to the feeder.

The study also indicated--not surprisingly--that the futures market can be an effective way for livestock feeders to reduce risk Yet in spite of the rapidly increasing volume of livestock futures trading, it represents only a small fraction of cattle on feed in the U S In 1969, less than 5 percent of the 11 million head of cattle on feed at the time were covered by futures contracts.

Why don't more cattlemen use the futures market? According to an ERS economist who specializes in futures, one reason is lack of familiarity--futures trading is little known and even less understood.

Another factor is past experience. In its brief history, the livestock futures market has not always treated the "short" hedger (the one who is selling, who is literally short in the futures market) favorably. This is partly because rising livestock prices have characterized the market in recent years. When prices are going up, it is logically to the producer's disadvantage to fix a price for his cattle in advance. When prices are declining, he gets more by "selling forward" in the futures market.

The ERS study found that live cattle and hog futures can "give reason for concern about price bias" against the short hedger. Historically, it said, prices have tended to rise over the life of the contract, resulting in losses to short hedgers. Over the period analyzed in the study -- from March 1965 to March 1971 -- increases in futures prices averaged about 30 cents per pound per month for both cattle and hogs.

If this tendency were to persist, price biases of this magnitude would present a serious barrier to hedging. But the study concludes that this is not likely to be the case.

Some economists now foresee a general lowering of livestock prices.

They reason that sooner or later the strong demand for beef, coupled with record high prices, will cause cattlemen to overexpand. Slaughter supplies will become greater than the market can bear, prices will drop, and cattlemen will no longer hold extra heifers for herd expansion. This in turn will put even more cattle on the market, continuing the cycle of lower prices

It's now anticipated that by early 1974, cattle prices will be down from current levels. Though many things could happen to upset this forecast, there is general agreement that the short hedger may soon find the market in a position to treat him better.

Meanwhile, futures trading in livestock and other commodities has not escaped criticism. Among other things, there have been charges that operation of the commodity exchanges is open to various abuses, including price manipulation and other collusive and deceptive practices. In

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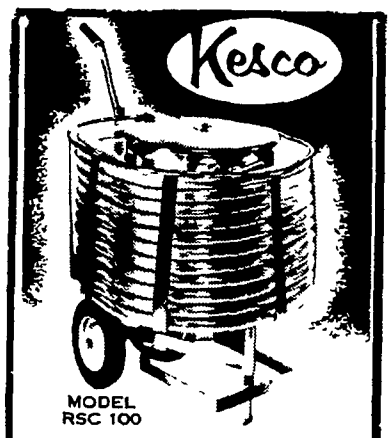

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particular, it has been alleged that the small investor not wise in the ways of futures can be taken advantage of by professional traders.

Because of the dynamic influences in commodity markets, the established arrangements for trading tend to get out of date, and even to inject artificial influences into prices. This underlines the mounting concern in many quarters. The U. S. Congress is currently taking a critical look at futures trading to see what kinds of changes may be needed. The General Accounting Office, the accounting arm of government, has appointed a team of auditors to review the regulation of futures trading.

The Small Business Committee of the U. S. House of Representatives is also planning to hold hearings that would include a critical look at grain futures. The Commodity Exchange Authority and the exchanges themselves also continually seek ways for improving trading rules.

Whatever the outcome of these investigations, and however valid some objections to futures trading may be, the futures market does bring prices out into the open. It increases the range of information and judgments brought to bear on price, and makes it easier for farmers and other businessmen to choose a preferred course of action.

FARM TRENDS

(Continued From Page 1)

Commodities - Up Against the Limits

As LANCASTER FARMING went to press on Friday morning, commodity markets were opening for trading. All important agricultural commodities opened up the trading limit. Cattle, eggs, broilers, hogs, soybean meal, corn and wheat futures went as high as they could on Friday, responding to the government report of lowered crop estimates.

Do You Know Where Your Steers Are Tonight?

Cattle rustling is burgeoning in some parts of the country, including at least one report from a western Pennsylvania farmer who found piles of entrails one morning where he should have found five heifers County Agent Max Smith has some good advice in his column this week for the cattleman who wants to foil rustlers

A Futures Glossary

Basis -- The difference between the price of a futures contract and the price of the same or similar commodity in spot transactions.

Delivery Month -- The calendar month during which a futures contract matures.

Futures Contract -- An agreement set forth in standardized terms under rules of an organized commodity exchange to buy and receive, or to sell and deliver, a commodity at a future date.

Hedging -- Using the futures market to reduce exposure to price risk and to help assure profits on business activities.

Long Position -- One in which an individual's inventory plus forward purchases exceed his forward sales, also, the buying side of an open futures contract.

Margin -- The amount deposited by a trader with his broker to insure performance on contract commitments.

Open Interest --The total of unfilled or unsatisfied futures contracts on either side of the market.

Regulated Commodities -- Those regulated by the Commodity Exchange Authority (CEA) under specific provisions of the Commodity Exchange Act. The CEA is concerned with safeguarding futures trading against price manipulation and abusive trading practices.

Short Position -- One in which an individual's forward sales exceed his inventory plus forward purchases; also, the selling side of an open futures contract.

Straddle or Spread -- The purchase of one future against the sale of another future of the same commodity or a different commodity in the same or different markets.

Volume of Trading -- The total purchases or sales of a commodity future during a specified period.

Short Takes

Failed at First

Fidel Castro failed in his first attempt to overthrow the Cuban regime of Fulgencio Batista in 1953, when he led an unsuccessful attack on a Santiago army barracks.

First Negro University

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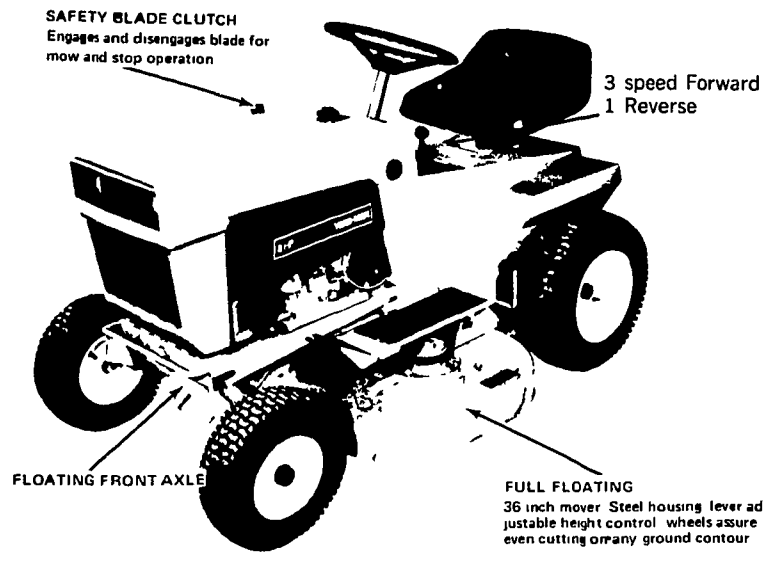
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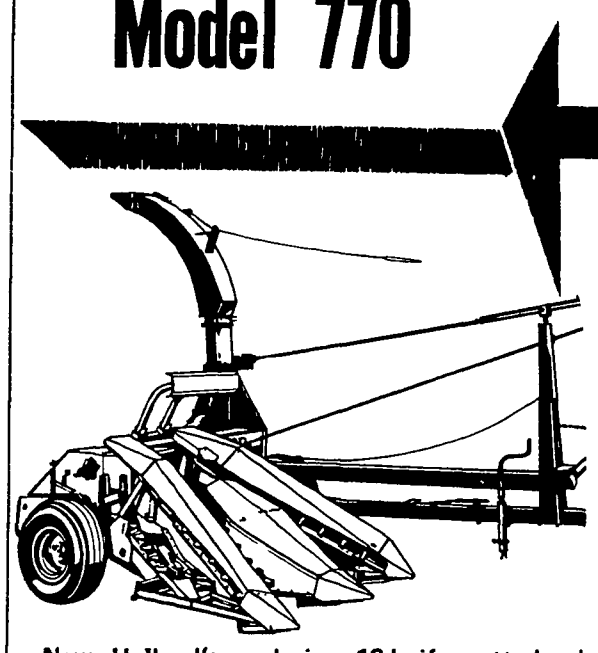

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Pa. Broiler Placements Up 21 pct.

Placements of broiler chicks in the Commonwealth during the week ending August 4, 1973 were 1,332,000. The placements were 21 percent above the corresponding week a year earlier, and 5 percent above the previous week. Average placements during the past 10 weeks were 10 percent above a year earlier.

Settings for broiler chicks were 2,025,000 - 3 percent below the previous week and 15 percent above the comparable period a year earlier The current 3-week total of eggs set is 14 percent above the same period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks averaged 1,000 compared with 40,000 a year ago. Outshipments averaged 290,000 during the past 10 weeks, 7 percent above a year earlier.

Placements in the 21 States were 56,956,000 - 1 percent above the previous week and 6 percent below the same week a year earlier. Average placements during the past 10 weeks were 4 percent below a year ago.

Settings were 71,835,000 - 1 percent below the previous week and 1 percent below a year earlier. The current 3-week total of eggs set is 2 percent below the comparable period a year ago.

FHA Makes All-Time Record Loans To American Farmers

Family farmers borrowed more than $1.4 billion from the Farmers Home Administration (FHA) during fiscal year 1973, enabling them to buy, improve and operate farms, and to restore farming operations disrupted by natural disaster, Secretary of Agriculture Earl L. Butz announced.

A total of 195,972 loans were made to farm families, more than double the number served a year ago. The $1.4 billion of loans is a 73 percent increase for fiscal '73 over the previous record amount of $831.8 million advanced in fiscal 1972.

Loans made in cooperation with private lenders also greatly increased. In this program, FHA enlists the assistance of local commercial lenders to make part of a loan for buying, developing or operating a farm. The Farmers Home Administration lends the balance necessary to complete the transaction.

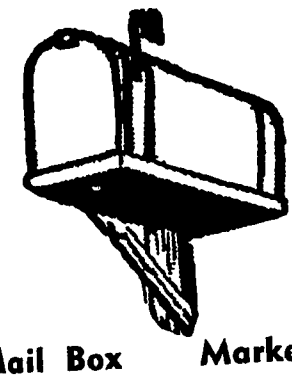
During fiscal year 1973, private lenders provided nearly $300 million to supplement FHA farm ownership loans and about $188 million to supplement operating loans. By using outside credit in this manner, FHA was able to assist many more farmers than otherwise would have been possible. The net effect of this industry-government cooperation has been to make supplementary credit of nearly $2 billion available to family farmers in fiscal 1973.

The need for emergency assistance was at an all-time high because of tropical storm "Agnes," lingering drought in the southwest, flooding in the Mississippi Valley, and other natural disasters. Lending for emergency loans in fiscal 1973 totaled $557.7 million--more than four times the amount loaned in any previous year. This money was used to help restore operations for more than 128,000 farmer-borrowers throughout the country.

Original budget figures allocated $350 million for the FHA operating loan program. In order to assist in efforts to bring more land into productivity, and partially to offset problems arising from natural disasters, additional funds were made available for operating purposes. With these funds, Farmers Home made loans of more than $454.6 million to over 50,000 family farmers. Previously the largest amount loaned in any year was $337 million in fiscal 1972.

These operating loans represent short term credit and are used to purchase farm equipment, livestock, seed, fertilizer and other items necessary to keep the farm running.

Under the farm ownership program, $350 million had been allocated. Additional funds were put into this program also, enabling Farmers Home to make a total of $408 million in loans to 15,492 families. These funds are used by borrowers to buy or improve farms, including farm buildings, refinance debts and increase income by developing non-farm enterprises. Fiscal 1973 saw the all-time high amount loaned in this program which has been in existence since 1938. The previous record was established in fiscal 1972, when $355 million was loaned.



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(Continued On Page 37)

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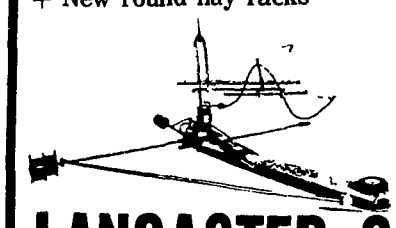

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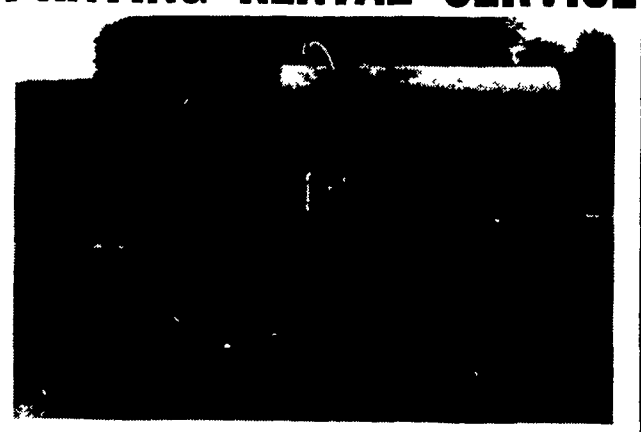

October Porkfest Plans Announced

The National Pork Producers Council has announced plans for their second annual OCTOBER PORKFEST pork promotion which calls for this October Pork Month campaign to be even bigger and better than the first.

The NPPC's nationwide multi-media pork promotion will be based on the success-proven formula of the first PORKFEST in October, 1972, according to NPPC executive vice-president J. Marvin Garner. That month-long promotion reached 100 million consumers with the message of today's improved pork through extensive use of network radio and TV, and nationwide newspaper and magazine advertising, plus in-store promotional materials. Also, dozens of state and local pork producer programs helped put pork in the spotlight.

PORKFEST is designed to make consumers better acquainted with "today's new pork" which, thanks to improvements in breeding and feeding over the past decases, is now lower in calories, leaner and higher in nutritional value than ever before. The annual PORKFEST is scheduled in October to feature the goodness of pork to the consumer at the beginning of the heavier slaughter period.

Sponsored by the nation's pork producers, this promotion improved consumer awareness of pork and increased sales in cities receiving PORKFEST advertising last year, Garner pointed out. Competition for the consumers' food dollar makes it imperative that we keep pork featured to them despite the rise and fall of available supply, he added.

The expanded PORKFEST number 2 program will involve more network radio and television advertising while the use of other promotional media remain nearly the same. NPPC promotion director Monte Flett reports that the PORKFEST number 2 campaign is designed to reach more than 100 million consumers and virtually every adult woman in the 18 to 49 age group.

PORKFEST advertising will include placement of 30-second spots on ABC radio's Entertainment and Information networks, a total of 741 stations. Network television advertising will include 30-second spots on NBC's Dinah's Place and ABC's General Hospital and The Newlywed Game.

Newspaper advertising will include 700-line ads in 65 large newspapers in 39 of the nation's top markets. Additional PORKFEST advertising in these 39 cities will include TV spots on 69 strong independent stations and radio spots on 75 strong independent radio stations.

The promotion will be carried to the meat cases of thousands of retail stores across the nation with the placement of colorful in-store OCTOBER PORTFEST - promotional kits, each with two posters and four meat case strips.

The NPPC and its member states will be applying knowledge gained, groundwork laid and related industry supporters indentified during the first PORKFEST, to make pork producer funds go even further this year.

In-store kits, Sta-Hi color pages, and recipes accompanied by black and white photos for food editors will be produced by the National Live Stock and Meat Board again this year. Other groups joining forces with the NPPC and its member states for this fall promotion include the American Meat Institute, the National Independent Meat Packers Association, and Kraft Foods.

TRY A CLASSIFIED AD

Arnolds Top Winners At Yorkshire Show and Sale

The Pennsylvania Yorkshire Co-op Association, Inc., Fall Show and Sale was held Friday, August 3 at the Farm Show Building in Harrisburg. Judge for the days event was Bill Funderburg, Twin Pine Farm, Greenville, Ohio.

The following winners in the Show were reported by the Pennsylvania Yorkshire Coop:

Senior Bred Gilt -- Leon L. Arnold, Lebanon, first; Thomas Arnold, Lebanon, second, and Calvin Lazarus, Whitehall, third.

Junior Bred Gilt -- Leon L. Arnold, first; Curtis Roth, Kempton, second and third.

Grand Champion Bred Gilt - Leon L. Arnold; reserve champion bred gilt - Thomas Arnold.

Champion Littermate Pair, Reno Thomas, Beavertown; reserve champion littermate pair, Calvin Lazarus, Whitehall; Leon Arnold, third.

Champion Open Gilt -- Curtis Roth; reserve champion open gilt, Park Thomas, Beavertown; Reno Thomas, Beavertown, third.

Champion Boar - Real Farms Inc., Tipton; reserve champion boar, Donald McCauslin, New Oxford; Park Thomas, third.

Buyers and prices of the champion hogs included:

Champion bred gilt -- Elliott Myers, Ottsville, $400.

Champion pair open gilts -- Henry Heagy, Lebanon, $500.

Champion single open gilt -- Michael Ruby, Hempstead, Md , $270.

Champion boar - Dan Tressler, Berlin, $440.

Further sale figures available revealed that 25 bred gilts averaged $317.80; 5 littermate pairs averaged $456; nine open gilts averaged $207.22, and nine boars averaged $281 11.

Accidental injuries to teeth can be prevented with the use of safety belts in automobiles and mouth protectors when engaged in contact sports Children should be encouraged to follow safety rules in running, playing games, and when using water fountains.

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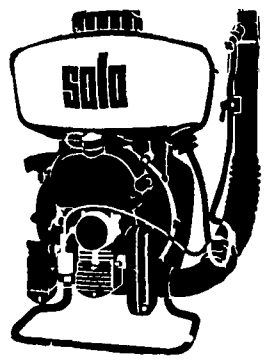

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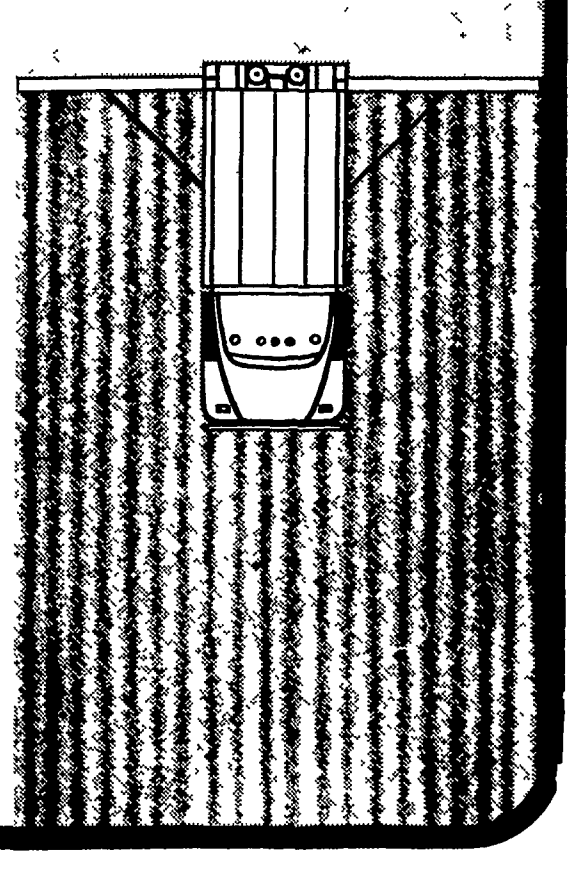

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Oak Leaf Roller Moths Patterns Studied

Oak leaf roller moths at The Pennsylvania State University have proved that a little sex goes a long way. About one ten-millionth of a gram of pheromone, the sex attractant in the abdomen of one female moth, attracts males.

There's more proof that pheromone exists in extremely small amounts in the female. In getting enough material to use in developing a synthetic attractant, Penn State lab technicians extracted substance from some 20,000 female moths. When they were finished, they had less than one-half milligram of useful attractant--about equal to a dozen grains of salt or a few flakes of detergent.

A late June--early July project of collecting oak leaf roller pupae, hatching the moths, and extracting pheromone was a cooperative effort of personnel in the College of Agriculture and the College of Science. The goal of chemists and entomologists is to determine how chemical communication takes place among oak leaf roller moths. Central figures in the research are Dr. Lawrence B. Hendry in chemistry and Dr. Ralph O. Mumma in entomology (chemical pesticides).

The two scientists consider the oak leaf roller project an excellent example of interdisciplinary research. The ultimate goal, of course, is pest management.

The most exhausting task in removing material from the abdomens of 20,000 female oak leaf roller moths is to refine the substance to an effective sex attractant. The trick, says Dr. Hendry, is to determine what kind and how much natural pheromone a female moth has--and then put it back together in snythetic form.

In the field, Dr. Hendry and associates found that one female attracted up to 7,000 males.This occurred during one week. However, Dr. Mumma and Dr. Hendry believe ideal sex attractant for oak leaf rollers is not one chemical but a combination. Finding this "needle in a chemical haystack" is their immediate goal. When the ideal pheromone is determined, the sex attractant will be used in infected areas to confuse oak leaf rollers and thus keep them from mating, or to attract moths to trtaps.

Over several years, one million acres of trees have been destroyed in Pennsylvania by the oak leaf roller. While no serious outbreaks have occurred since the early 1900's, damage tends to occur over a number of years. Injury from the oak leaf roller has been severe in recent years in Michigan and several eastern states.

The studies found that male oak leaf roller moths respond to pheromone for only 2 hours during the night in lab tests and give no response during daylight hours.

Authenticity of extracts from female moths was tested in flight chambers where male moths are kept in the new Davy Laboratory, headquarters for chemistry at University Park. Sex attractant material from a female is placed on cotton attached to a pipe cleaner inserted into the flight chamber.

'If any three moths attempt to copulate with the cotton within 25 to 30 seconds, the material is considered a sex attractant," Dr. Hendry explains.

To obtain about 20,000 female moths for the one-half milligram of pheromone, the Penn State scientists started with 60,000 pupae. Not all hatched but the results producted 45,000 moths--half of them males and half females. A crew of young people, mostly students, collected pupae from mid to late June.

Most of the hatching of moths took place in early July. The largest hatch of 7,000 adult moths occurred July 2. That was the day that Patterson Building, headquarters for the department of entomology, saw Room 215 engulfed with about 40,000 jelly jars each containing one pupa. One-ounce jelly jars, the type used in hotels and restaurants, were used as incubation chambers.

Flood Study Underway In County

Many Lancaster County communities are now being studied by the U. S. Soil Conservation Service to determine whether they are subject to flooding, according to District Conservationist Orval Bass.

Bass said the special flood hazard inventory will be used by the U. S. Housing and Urban Development in carrying out the Federal Flood Insurance Program.

The District Conservationist said that flood-prone communities are defined as areas subject to flooding by a 100 year frequency storm. Expressed another way, its a community which has about a one percent chance of annual flooding.

Under the study, Bass said areas of each floodprone community will be located on detailed maps and the sources of flooding identified.

The tile and address of the head of the local unit of government having authority to control land use and issue building permits will be listed. This information will be included in a state and national summary, Bass reported.

Vegetable Field Day Sept. 12

A statewide field day for commercial vegetable growers will be held September 12 at the Horticultural Research Farm of The Pennsylvania State University, located 10 m. west of the University Park campus on Route 45.

Of special interest to vegetable growers will be machine harvesting of cucumbers and cabbage, variety and fertilizer trials, genetic research with vegetable crops and potatoes, disease and insect studies, and chemical weed control.

If growing conditions permit it, field day visitors will have an opportunity to sample Penn State's latest achievements in developing high sugar sweet corn. Researchers hope to have some high sugar corn available for visitors to eat at noontime.

Tours of the various research plots will start no later than 10 a.m.

"Vegetable growers should fine this field day both profitable and interesting," states Charles J. Noll, field day chairman from the department of horticulture.

Lunch will be served at the Horticultural Research Farm by a local church group.

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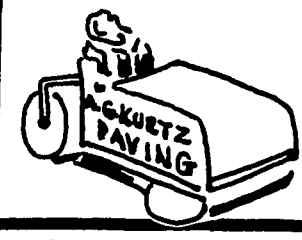

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Farm Exports Helped Reduce Trade Deficit

U.S. exports of farm products totaled $12.9 billion during the fiscal year ending June 30, 1973, boosting the Nation's agricultural trade surplus to a record $5.6 billion, the U.S. Department of Agriculture announced today.

This favorable trade balance, a gain of $3.6 billion over fiscal 1972, partly offset the U.S. trade deficit of $9.1 billion in nonagricultural products, reducing the total trade deficit to $3.5 billion. Fiscal 1973 agricultural exports were 60 percent above the previous year's level. Farm imports amounted to $7.3 billion, up 21 percent. Major factors in the record export total were the continuing upward trend in world demand and a poor 1972 crop year in many parts of the world. Increased volume of shipments accounted for 60 percent of the U.S. export gain, and higher prices accounted for the balance.

The Department's Economic Research Service says that unfavorable weather in the Soviet Union, Southeast Asia, Australia, and parts of Africa and Latin America reduced harvests and necessitated larger imports.

Demand for U.S. protein meal was high because of reduced export availability in Peru, where the anchovy catch dropped significantly, and in India and Senegal, where peanut production declined Also, increased foreign exchange earnings in many developing countries permitted them to import more U.S. agricultural products. Foreign demand for U.S farm commodities has been rising as a result of rising incomes, especially in the industrially developed countries of Western Europe and in Canada and Japan. Also, last year's dollar devaluations and the resulting currency realignments enhanced the competitive position of our agricultural exports in world markets.

Agricultural exports to all major markets increased substantially, but those to Japan, Western Europe, and the Soviet Union accounted for most of the rise. Exports to Japan totaled $2.3 billion, an increase of 97 percent over last year's level. Only three years ago, Japan became the first billion-dollar country market for U.S. farm commodities.

Western Europe took a record $4.5 billion worth of U.S. agricultural exports in fiscal 1973, compared with $3.0 billion worth a year earlier. Grains and soybeans accounted for most of the increase, primarily because of more livestock production in West European countries.

Farm product shipments to the Soviet Union amounted to slightly over $900 million, but the increase over the previous year's level accounted for only 16 percent of the total rise in U.S. agricultural exports. Most of the increase occurred in wheat shipments, which totaled 345 million bushels valued at $563 million. Feed grain exports to Russia rose to 3.5 million tons--1 million tons more than fiscal 1972 shipments. Soybean exports totaled 31 million bushels valued at $119 million, compared with none a year earlier.

Developing countries in Asia increased their imports of U.S. farm products from $1.6 billion worth in fiscal 1972 to $2 2 billion worth in fiscal 1973. Exports to Latin America topped the $1 billion level for the first time. Grains and soybeans were the biggest exports to both areas. Exports to Africa, where many countries were suffering from drought condition, were up only about 8 percent.

The People's Republic of China became a significant market, taking over $200 million worth of U.S. farm products. Cotton exports, valued at $78 million, were the most important, followed by corn and wheat shipments valued at $60 million and $36 million, respectively.

Of all the major commodities exported by the United States in fiscal 1973, only shipments of dairy products and vegetable oils were below the value of fiscal 1972 exports. Grains and grain products, totaling $5.3 billion, accounted for over half the increase over fiscal 1972 exports. Shipments of wheat and wheat products were valued at $2.4 billion.

Feed grain exports rose to 35 million tons from 21 million a year earlier. Japan imported 8.4 million tons of U.S. feed grains -- twice as much as in fiscal 1972 -- and the European Community took over 10 million tons Increased livestock production in most developed countries and reduced crops in Australia and Thailand also contributed to the rise in U.S feed grain exports.

Exports of soybeans and soybean products, at $3.1 billion, were $1 billion higher than in fiscal 1972 and accounted for a fourth of the overall increase in U S. agricultural exports. Volume of bean exports jumped to a record 506 million bushels, compared with 431 million bushels in fiscal 1972. Value jumped two-thirds to $2.3 billion because of higher prices. Soybean meal shipments rose to 4.9 million short tons valued at $693 million. Soybean oil exports totaled about 1.1 billion pounds--440 million pounds less than a year earlier.

Cotton exports, at 4.7 million bales, were the highest since 1964, primarily because of increased consumption in most textile manufacturing countries and tight world supplies. Shipments of tobacco, including bulk smoking tobacco, rose 6 percent to 591 million pounds. Value rose 12 percent to $640 million because of higher world prices. The United Kingdom accounted for most of the increase in exports of flue-cured tobacco, but Japan, New Zealand, Switzerland, and Belgium also took more U.S. tobacco.

Exports of animals and animal products were up one-third to a record $1.4 billion. Cattle hides rose to $375 million, more than double the fiscal 1972 level. Meat and meat product shipments were valued at $307 million, up 73 percent. Substantial increases occurred in pork exports to Japan and in beef shipments to Canada, Japan, and the Carribbean. Exports of poultry products rose nearly one-fourth to $100 million, with most of the increase occurring in shipments of turkeys, eggs, and egg products.

Detailed information on U S. agricultural exports and imports during fiscal 1973 will appear in the August issue of **Foreign Agricultural Trade of the United States**, to be issued by the Department of Agriculture's Economic Research Service

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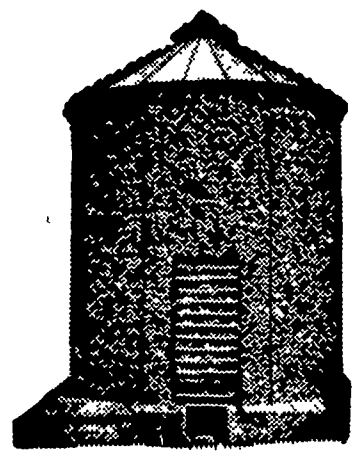

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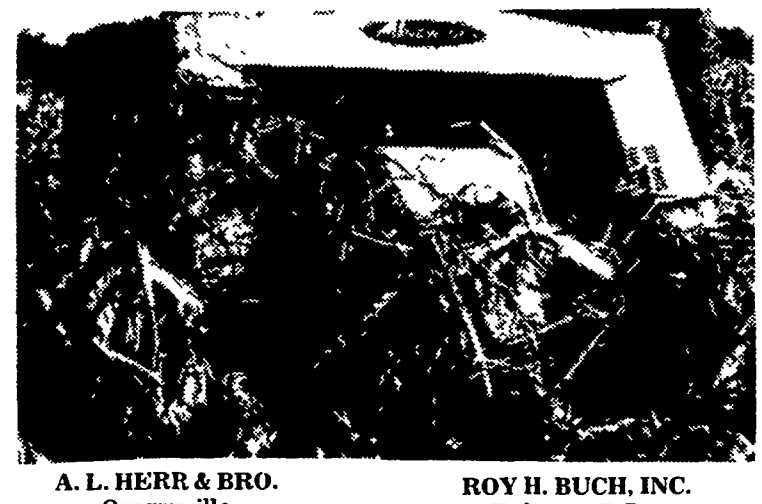

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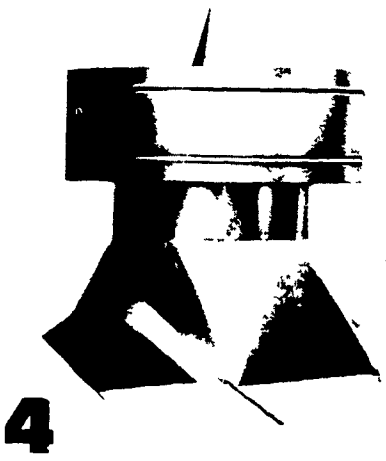

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Ronald Jacob is FFA Crop Production Winner

Ronald Jacob, son of Mr and Mrs Earl V Jacob of Indiana, graduated from Indiana United High School this year but he had already established himself as a businessman.

The 18-year-old Future Farmers of America member was recently named Pennsylvania state champion in the 1973 FFA Crop Production Proficiency Award program. He is now eligible for regional or national honors. The program is sponsored by The Producers of Funk's G-Hybrids in cooperation with the National FFA Foundation Inc

The award program applicants are judged on their crop production during the previous year. In addition to production, other criteria includes leadership development, overall achievements in FFA work, the scope of the individual's supervised crop program, his inventory, skills and competencies developed. Also considered by the judges are a complete financial statement, experience in marketing, activities related to the crop program, full supporting evidence, school and community activities.

Jacob's crop production program consisted of 486 acres of mixed crops. His 40 acres of corn silage yielded an average of 28 tons One hundred and sixty acres of corn for grain averaged 130 bushels and 30 acres of grain sorghum averaged 65 bushels He averaged 80 bushels of oats from 90 acres and four acres of potatoes gave him an average of 400 bushels per acre. He harvested 40 acres of Sudax for an average of 22 tons and 120 acres of mixed hay averaged 22 tons per acre. The yield from two acres of sweet corn was 1,200 dozen ears.

"My vegetable crops-potatoes and sweet corn-are retailed All the other crops are fed to livestock on the farm," the young winner stated. Jacob farms now in partnership with his father and brother on the home farm. He presently rents 428 acres of crop land for his program.

Part of Jacob's corn crop was "drowned out" this year but he is growing 150 acres of corn for grain and 40 acres for silage. One hundred and twenty acres of hay, 80 acres of oats, and 38 acres of mixed crops complete his 1973 crop program.

Experience has shown Jacob the value of a good set of farm records. "They certainly have helped me to gain the maximum profit from each of my enterprises," he says.

In addition to the cropping program, Jacob shares an interest in the family's livestock and poultry operation. They carry a 126 head dairy herd, 40 hogs and a flock of 1,000 chickens. Detailed records are also kept on this operation.

The Crop Production Proficiency Award program has served to firmly establish in Ronald Jacob's mind the value of hard work. "The program also improved my knowledge of management techniques and my ability to keep detailed records of each part of my operation."

Jacob and other Crop Production Proficiency Award program state winners are now eligible for selection as regional or national winners. Announcement of the top four individuals in the nation will be made at the 46th National FFA Convention in Kansas City, October 16-19.

Pa. Firm Ineligible To Operate Produce Business

Brown's Frosted Foods, Inc., Philadelphia, has been declared ineligible to operate in the produce business under the Perishable Agricultural Commodities (PAC) Act, the U. S. Department of Agriculture (USDA) has announced.

Officials of the Agricultural Marketing Services said the firm has failed to pay a reparation award issued by USDA and may not resume operation until it satisfies the award and gains USDA approval. The firm and its officers may not be employed or affiliated with any licensed firm without USDA approval.

Brown's Frosted Foods, Inc. failed to pay a reparation award issued by USDA June 14. The award was in favor of a Moorestown, N. J. shipper who had not been paid $2,722 for apples purchased during July, 1972. The officers, directors and stockholders are, Harry Vincent Brown, Jr., Benedict Decastro and Carol A. Garber. The firm did not answer the charges and USDA ordered payment of the full amount claimed.

The PAC Act establishes a code of good business conduct for the produce industry. It requires that interstate traders in fresh or frozen fruits and vegetables be licensed and authorizes USDA to suspend or revoke a trader's license for violating the Act.

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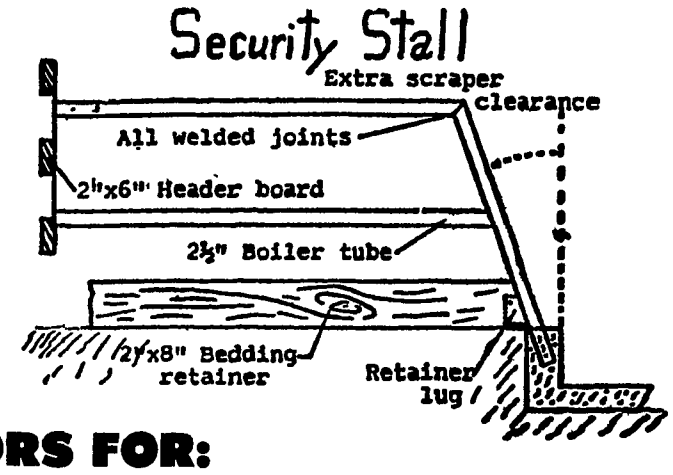

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Trend To Relax By Camping

Campers in northcentral Pennsylvania camp primarily for relaxation and to get out into natural surroundings, according to a study at The Pennsylvania State University.

The two factors of relaxing and being in natural surroundings made up 59 per cent of the reasons given for camping, in a study by Richard F. Masse and Dr. Peter W. Fletcher of the School of Forest Resources at Penn State.

The survey analyzed social and economic characteristics of 600 campers in three private and three public campgrounds in the Pine Creek Watershed of Tioga, Lycoming, Clinton, and Potter counties.

The average camping party spokesman in the Pine Creek Watershed was found to be 39 years old, married, and had nearly nine years of camping experience. At the time of the study, the summer of 1971, the head of the average camping party had an annual income of $9,300. His average expenditure for camping equipment was $513 He spent four nights in a campground and his party consisted of four people, two adults and two children.

Tents, collapsible tent trailers, and travel trailers collectively accounted for 81 per cent of the shelter equipment used. These three types of equipment were almost equal in popularity. While $513 was the average cost of camping equipment, 51 per cent of the campers reported investments over $1,000.

The study was made as a result of the increasing demand for camping facilities. For example, total attendance at Pennsylvania state parks increased from 22 million people in 1966 to 27 million in 1970. Camp managers and land owners expect even greater pressures due to increases in population, mobility, leisure time, and income as related to economic growth, Masse and Fletcher pointed out.

As might be expected, the campers in the six northcentral locations were primarily from the Commonwealth and outnumbered visitors from other states by 3 to 1. New York, New Jersey, and Ohio contributed 16 per cent of the visitors collectively. Twenty per cent of the campers came from the four counties in which the Pine Creek Watershed is located.

Major responsibility for the study was carried out by Mr. Masse, who conducted the research to meet requirements for the master of science degree in forestry at Penn State. Based on the results, he claims an adequate flow of information must be maintained between developers and campers to increase the recreation potential to a satisfactory level.

Plan Tractor Movement On Highways

About a third of all tractor-caused deaths occur on public roads, say Extension agricultural engineers at The Pennsylvania State University. Mile for mile, it's much safer to drive a car than a tractor on the highway. Tractor operators can reduce their chances of being involved in an accident by planning farm work so that they spend as little time as possible driving a tractor or other farm equipment on public roads.

Packers Advertising Policy Adopted

Guidelines for meat packers on payments to retailers or other customers for advertising or promotional activities were adopted by the U. S. Department of Agriculture (USDA).

The guidelines are in a statement of general policy adopted by USDA's Packers and Stockyards Administration (P&SA), which were published in the Federal Register August 6. Interested persons were given opportunity to comment after the proposal was issued in April.

P&SA officials said the purpose of the policy statement is to establish that all competing customers of a meat packer should receive proportionally equal treatment in advertising and promotional allowances. The policy was developed after consultation with members of industry.

In adopting the policy, officials said they had received complaints for several years over some advertising allowance practices by packers. Investigations indicated that in some cases there was no relationship between the payment made by a packer and the cost of providing the services. Investigation also showed that payments made to a packer's customers were not always used for the specified purposes.

It was determined that a policy statement be issued to guide packers in complying with provisions of the Packers and Stockyards Act when they pay for or provide services to a customer who competes with other customers of the packer.

Copies of the policy statement may be obtained from the Information Office, Packers and Stockyards Administration, U. S. Department of Agriculture, Washington, D. D. 20250.

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Berks County FFA Hog Show and Sale

The Berks County Future Farmers of America Market Hog Show and Sale was held on Wednesday, August 1 at the Leesport Market and Auction. The Grand Champion hog was a 190 pound gilt bred and shown by Elton, Muth, Alburtis RD1, from the Brandywine FFA Chapter. The Reserve Champion was a 220 pound barrow shown by Glen Christman, Kutztown RD2, from the Kutztown FFA Chapter.

Placings in the lighweight class, which included hogs weighing between 180 and 200 pounds, were as follows: first - Elton Muth; second and third - Marlin Dietrich, Kutztown RD2, Kutztown FFA; fourth - Bryan Schoener, Womelsdorf RD1, Conrad Weiser FFA; fifth - Elton Muth; sixth - Robert Stoltzfus, Elverson RD2, Twin Valley FFA; and seventh - Dale Siegfried, Mertztown, RD1, Kutztown FFA.

Placings in the medium weight class, which included hogs weighing between 201 and 220 pounds were as follows: first - Dale Siegfried; second - Marlin Dietrich; third - Robert Stoltzfus; fourth - Bryan Schoener; fifth - Marlin Dietrich; sixth and seventh - Melvin Houck, Elverson RD2, Twin Valley FFA.

The following placings were recorded in the heavyweight class, which included hogs weighing between 221 and 250 pounds: first - Glenn Christman, Kutztown RD2, Kutztown FFA; second - Melvin Houck; third - Glen Christman; and fourth - Robert Stoltzfus.

Five awards were given in the fitting contest, which is judged on how well the FFA members prepared the hogs - if their tails are shaved nicely, their ears are clipped, and their hair is clean. Winning first in fitting was Marlin Dietrich, with Elton Muth second, Dale Siegfried third, Glen Christman fourth, and Melvin Houck fifth.

The showmanship contest, judged on how well the boys presented their hogs to the judge, also had five winners. Elton Muth placed first, Glen Christman second, Marlin Dietrich third, Robert Stoltzfus fourth, and Melvin Houck fifth. All of the above classes were judged by Mr. Kenneth Ketterer, Associate County Agent from Cumberland County.

All hogs shown at the morning show were sold on Wednesday afternoon. A total of 4345 pounds was sold for $2775.25. Average price received was $.64 per pound or $132.15 per hog. The grand champion and reserve grand champion animals were both purchased by Hatfield Packing Company. The grand champion animals sold for $1.00 per pound and the reserve champion for $.75 per pound. Others buyers of FFA hogs were: Bernard Brandt, Fredericksburg; Lynn Schwalm, Herndon; Norman Martin, Myerstown RD2; Edgar Black, Skippack; and Leesport Market and Auction.

The Berks County FFA wishes to thank the Leesport Livestock Auction for hosting the Show and Sale, all buyers, and all others who helped to make the Show and Sale a success.

Kutztown Fair Schedule

The motto for the 104th annual Kutztown Fair, known as "The Biggest Little Fair in the State," is "More to See in '73." Fair dates are August 21 to 25.

The fair will open at 4 p.m. Monday, August 21, with the annual Eastern District Holstein (Black and White) Show. Monday is also designated as Fair Preview Night with admission free.

Tuesday, August 21 is Ladies Night; Wednesday, August 22, is Grange Day; Thursday, August 23 is All Civic Clubs Day, while Friday, August 24 had been designated Firemen and Veterans Night. Nightly entertainment is a feature at the Kutztown Fair. Entertainment Monday night will feature the Shorty Long show, followed on Tuesday with the Blue Ridge Quartet, Wednesday the Del Reeves Show, Thursday with Barbara Mandress, Friday Jack Green and the Jolly Giants, and on Saturday will be Tommy Cash. The Blue Ridge Quartet will perform at 3 p.m.

In addition to the entertainment, the fair will have something the whole family can enjoy. Wednesday has been designated as Blue Ribbon Family Fun Day.

Future Farmers of America from Berks and neighboring counties and 4-H youth from Berks County will again take the spotlight when it comes to livestock judging. The youthful exhibitors will be competing not only for cash premiums and ribbons but for 11 trophies.

Granges will be competing for prizes totaling $995.00, the top premium being $150.00. Judging will be based on quality, variety and display. Junior granges will compete for prizes totaling $430.00, the first being $65.00. Junior grange exhibits will be judged on theme, display and quality.

Schedule of events for the Fair is:

Monday, August 20

4 p.m. – Eastern District Holstein Show; Judge, Jack Remsberg, Middletown, Md.

Tuesday, August 21

6 p.m. – Dairy Fitting and Showing Contest.

Wednesday, August 22

10 a.m. – Judging Holstein Dairy Cattle; Judge James Repard, Ithica, N. Y.

4 p.m. – Judging Sheep; Judge, Kenneth W. Staver, Palmyra.

7 p.m. – Judging Colored Dairy Breeds; Judge, Paul King, Delta, Pa.

Thursday, August 23

8:30 a.m. - Judging Breeding Swine; Judge, Dr. Robert Herr, New Holland.

10:30 p.m. – Judging Barrows; Judge, Dr. Herr.

2 p.m. – Beef Fitting and showmanship.

7 p.m. – Judging Beef Cattle.

Friday, August 24

10 a.m. – FFA Dairy and Livestock Judging Contest.

1 p.m. – FFA Tractor Driving Contest.

7 p.m. – 4-H Dairy Judging Contest.

Penn Willow Club Holds Round-Up

The Penn Willow 4-H Club held its annual sewing and cooking Round-up at the Safe Harbor Park with approximately 100 people attending.

Mrs. Kleckner awarded The Best of Show for the second year in cooking to Judy and Karen Schaffer. Wendy Huber was acknowledged with a perfect score in cooking.

Kathy Huber was awarded a blue ribbon for a pant suit she made in the project Create with Fabrics. Forty-two other Blue Ribbons were also given to 4-H'ers in sewing.

The sewing members also modeled what they made in a fashion show. The outing also included games and a covered dish supper.

News Reporter,
Ronald Walton

Pig & Rabbit Club Holds Final Meeting

The Elizabethtown Area Pig and Rabbit 4-H Club met August 2 at the home of J. Warren Heisey, where the Club held its annual picnic and last meeting of the 1973 Club year.

After eating a picnic supper Dan Baum, Club president, brought the meeting to order.

Jay W. Irwin, associate Lancaster County Ag agent, commended the club on their year of club work. He also commented on taking and showing the pigs at 4-H Pig Round-up and the activities of 4-H Achievement Day, next week.

Barb Myer and Dan Baum told about their visit to Washington D. C., where they were - Pennsylvania delegates at the 4-H Citizenship Short Course.

The Club voted to donate the remaining money in the treasury to the Farm and Home Foundation.

The meeting was followed by singing and games led by Stephen Horten.

News Reporter,
Barb Myer

Underfeeding Dairy Cows

Underfeeding shows up on the better cows in a herd, says Harvey E. Shaffer, Extension dairy specialist at The Pennsylvania State University. There is little to be gained in breeding for high production unless cows are fed for high production.

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Sperry New Holland Buys Land In Nebraska For Plant Construction

Sperry New Holland, a division of Sperry Rand Corporation, has purchased land for a future manufacturing plant at Lexington, Nebraska, it was announced by Thomas Beaver Jr, vice president and general manager, North America.

The company, with headquarters in New Holland, has signed an agreement to buy a 150-acre site from Lexington's Council for Industrial Development.

When built, the new plant will be used primarily to help meet the growing needs of North American farmers and ranchers for agricultural equipment. Construction plans have not yet been made.

Sperry New Holland, which has a plant in Grand Island, Nebraska, manufacturer and markets farm and industrial equipment. The Grand Island plant was opened in 1965 and Beaver said the company has been well pleased with its experience there.

In addition to the Grand Island plant, the company has manufacturing facilities at Belleville and New Holland, and Fowler, California. Overseas plants are in Australia, Belgium, France and England. The company markets its products in more than 70 countries and has 9,000 employees worldwide. It is the world's largest manufacturer of specialized farm equipment.

Sperry, the parent company, has its headquarters in New York City. It is a diversified company with 79 plant locations and approximately 85,000 employees worldwide. It has research, manufacturing and sales operations in 30 countries.

In discussing the decision to locate a plant in Lexington, Beaver said: "An important part of our long range planning involves making available the facilities required to meet our marketing plans. This new facility, in addition to planned expansion at our existing plants, will give us the added manufacturing capacity we need to get that job done.

"We're locating our new plant in Lexington because we feel this is a community ready and willing to help us meet the challenge of building a local organization which will operate effectively and efficiently.

"In recent weeks, our representatives have worked closely with a number of Lexington's community and business leaders and they have been most helpful in supplying us with the information we needed to arrive at this important decision.

"This is a progressive community and we're delighted to become a part of it. Meeting the challenge of growth has become an important way of life for the people of Sperry New Holland. We feel we're beginning a new and vital chapter in the company's story of growth with our decision to locate a new plant at Lexington, Nebraska."

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Interstate Swine Shipment Markets List Updated

The U.S. Department of Agriculture (USDA) has issued an updated list of stockyards and livestock markets approved to handle shipment of swine crossing state lines. Approval is granted under federal regulations aimed at preventing the spread of hog cholera.

The list is scheduled for publication in the Federal Register Friday, August 3. Copies may be obtained from any Veterinary Services office of USDA's Animal and Plant Health Inspection Service (APHIS), or by writing to USDA, APHIS-VS, Room 870, Federal Center Bldg. number 1, Hyattsville, Md. 20782

APHIS officials explained that "approved" stockyards and livestock markets are listed in two categories:

– Those authorized to ship any class of swine, i.e., feeder, breeder or slaughter animals; and

– Those authorized to ship slaughter animals only.

Also listed are the livestock markets and stockyards that have lost their approved status.

Approval of swine markets is part of the cooperative program to eradicate hog cholera in the United States. Under the national eradication program started in late 1962, 45 states are now classified as "hog cholera free" by USDA.

Hog cholera is a highly infectious, viral disease of swine. It affects no other animals or humans, but is usually fatal to hogs.

Operators of approved markets must agree to comply with sanitation standards and to assemble and ship hogs in ways designed to reduce the chances of spreading disease among animals. They must also keep proper records and must promptly report any suspicious disease.

APHIS officials noted that the updated list reflects, in part, the agency's continuing inspection efforts to assure that the markets and stockyards are fully complying with sanitation standards and other requirements (see press release USDA 892-73). Most of the additions and deletions are due to normal turnover of businesses, APHIS officials said.

Witmer Cow Production

A ten-year-old Registered Guernsey cow in the Penn-Del Farm herd of Raymond and Louise Witmer, Willow Street, has completed an official DHIR actual production record according to The American Guernsey Cattle Club. Burkes Taverns Emorys Dottie produced 14,510 pounds of milk and 561 pounds of butterfat in 305 days, two times a day milking. Testing was supervised by Penn State University.

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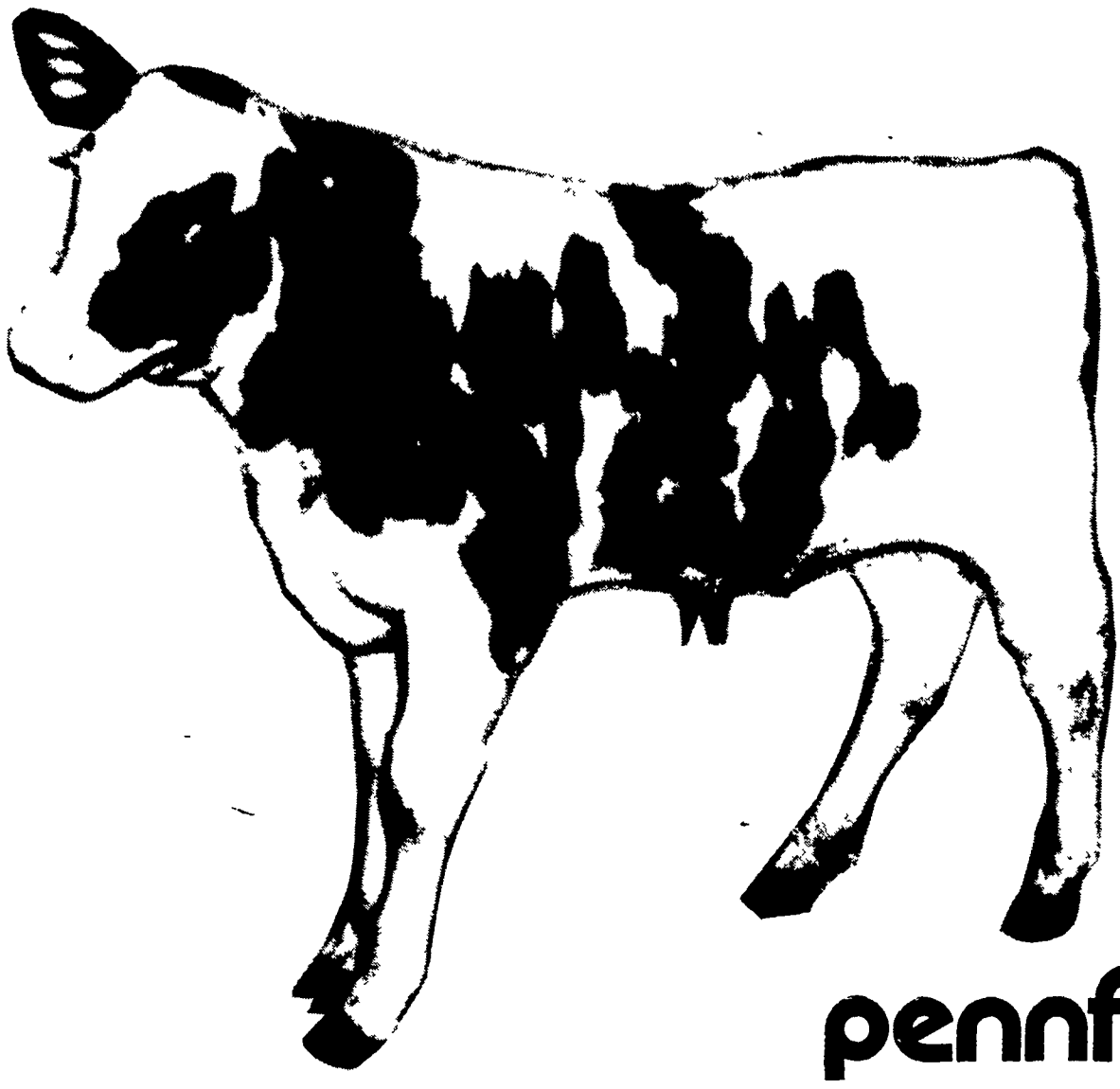

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Homestead Notes

Pat Erwin, Editor

Faye Greenberg, Ag Student

Can The City Keep This Girl?

By Sally Bair
Feature Writer

Milking cows, driving tractors and feeding calves come naturally to most Lebanon County farm girls, but for Faye Greenberg of New York City it's a whole new world, and one in which she seems to thrive.

Seventeen-year-old Faye lives in Jamaica in the borough of Queens, and is spending the summer living on the 222 acre dairy farm of Mr. and Mrs. Ray Sattazahn, Lebanon RD2.

But Faye is no ordinary visitor - she is there to learn all about the farm as part of her high school curriculum Although it is obvious she'd rather ask questions than answer them, she agreed to talk about just how a girl from New York City wound up on a farm in northern Lebanon County.

Faye will be a senior at John Bowne High School in Flushing which, according to Faye, has the only agricultural program in New York City. The course is designed to augment the regular academic curriculum and help the students acquire knowledge in forestry, gardening, large and small animals and other areas of agriculture. There are about 400 students enrolled in the program, and Faye says, "It's getting bigger and gaining more interest all the time."

Faye got into the ag program because she said, "I'd like to be a veterinarian and I always found it interesting. It amounts to an extra major with students taking two periods of agriculture a day, and then having three summers of practical experience." Faye says the summer experience is particularly good "because you get to see different possibilities for jobs."

During their first summer in the program, the students work at the high school where they are given a 15x15 foot plot of land to do "whatever we want." Faye said, "We learned how to prepare a seedbed and how to fertilize properly. I grew corn, beets, carrots, radishes and string beans." That first summer, she learned to drive a tractor, including how to back up with a manure spreader. "We really learned the basics, and it helped prepare us for the practical summer experience," Faye said.

There's about four acres of land around the school to be used in the ag program, and while most animals require too much space, they did raise chickens. Faye recalls, "I learned how to kill and dress a chicken, but I wouldn't want to do it."

Keeping close records of what she has learned and does each day is very important for Faye. Here she copies from her notebook into her diary which will be graded at the completion of her summer experience.

For their second two summers in the program, each student is required to have some kind of related on-the-job training. The experiences range from actual farm work, as in Faye's case, to helping in veterinarian clincs, to working in botanical gardens. One student is a milk inspector. Last year Faye worked on a thoroughbred horse farm near Media.

Usually each student is visited twice during the summer by someone in the agricultural department, but Faye says since she's so far away she'll probably get only one visit. She says the purpose is "to make sure you're working and discuss how much you know." If you don't know something they think you should, they ask you to do an extra report."

Faye said, "The summer program is an important part of our education because you really get experience. Being on the farm is the way you learn most, and find out if you're good with animals." She feels her summer experiences will be valuable when she applies for vet school, because "they want you to have experience with large animals."

She said, "Being on the farm helps show what farmers have to do. They have to know everything." Faye is learning what crops are necessary for a dairy farm, how to prepare fields for planting and what is involved in harvesting. She is also learning "what cows are like - I never came in contact with one before. I watched a calf being born and learned how to give a cow a shot."

A very important part of the program is keeping a daily record of what she does and learns., There is an ever-present notebook which Faye carries to jot down things as she observes them. Each evening is spent copying the day's events into a diary which will be turned in and graded when she returns to high school. Her diary is also filled with pamphlets and brochures which she has acquired to help increase her knowledge.

The Sattazahns have three daughters: Juliette, 17; Phyllis, 15; and Barbara, 12. They also have a foster parent from Cedar Haven living with them, and just so things don't get dull, they are hosting an exchangee from Germany, Ulrich Geissler, who is here under the auspices of the Future Farmers of America.

With so many workers this summer, they are enjoying the luxury of being able to take turns helping with the milking. But when it's Faye's turn, about every other dsy, she gets up at 4:00 a.m. with the rest of the family and assists with milking the 74 Holsteins. Faye helps feed the heifers silage and grain, and feeds calf-starter to the calves which have been weaned. She said, "I really enjoy that." She also puts bedding into the calves and gives them hay.

After that, it's time for breakfast and usually the family rests before continuing the day's work. Faye mentions some of her morning chores: "I help sweep up and clean calves, scrape up the pole barn and lead the bulls into the barn to eat and sometimes clean out the bulls." She proudly adds, "I learned how to scrape up with the uni-loader."

The rest of the day is filled with various farm chores. The Sattazahn girls have 4-H animals, so often they work on them. Faye has been given a senior calf, "Sable," which is hers for the summer to get ready to show at the Lebanon Fair. Faye says, "My calf is a red and white Holstein and it never had a halter on. I've been breaking her in, and she's leading pretty good now." Faye is looking forward to the fair, saying "I think it's going to be a really terrific experience!"

Faye says she learned how to rake - "a little bit," but of her tractor driving she says, "I'm not an expert."

Faye shows that she has, indeed, taught her red and white Holstein, Sable, to lead properly for the Lebanon Fair.

There are plenty of other farm chores in the summer and Faye does whatever needs to be done. She helps unload hay bales and stack them in the barn, feeds hay to the dry cows and heifers and helps pick string beans and with other gardening. Then, of course, evening milking time rolls around, and the morning chores must all be repeated.

About Fay's ability to work,

(Continued On Page 24)

Learning to scrape with the uni-loader was a happy accomplishment for Faye.

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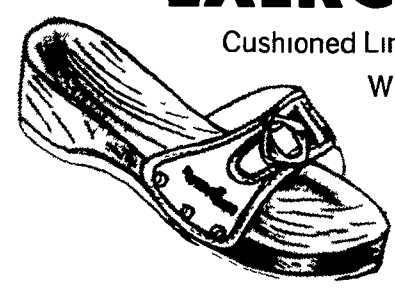

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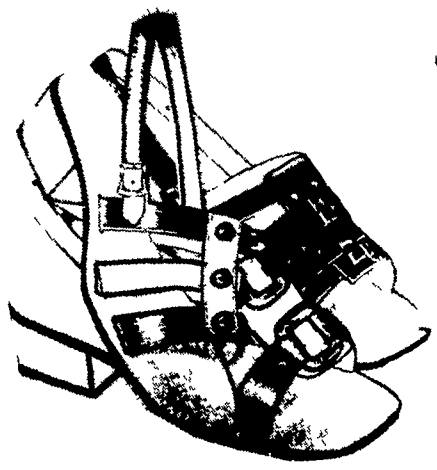

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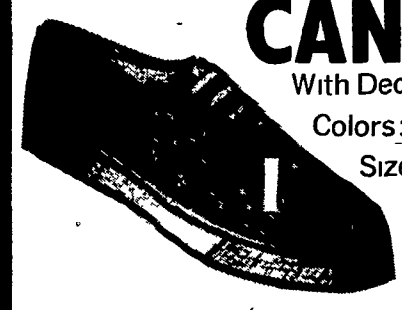

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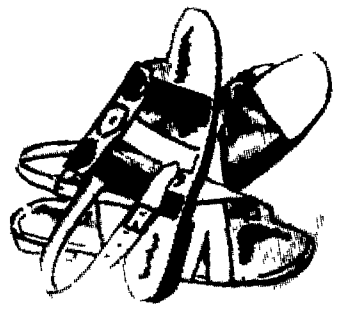

LITTLE GIRLS' SANDALS

REGULAR PRICES TO $2.98

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CAN THE CITY

(Continued From Page 22)

Mr. Sattazahn says with a laugh, "I was really surprised. You don't need to ask her a second time." Mrs. Sattazahn adds, "She's always willing to help." Mrs. Sattazahn notes that Faye becomes almost "too attached" to the animals, and during the interview Faye found an abandoned kitten which she proceeded to care for.

Mrs. Sattazahn gets a little help from Faye in the kitchen, but Faye says, "I mostly just make eggs and cakes from box mixes." The food in Lebanon County is a little different from New York City. Chicken pot pie was new for Faye, as were several other "typical" Pennsylvania Dutch dishes.

While Faye contends that attitudes of people are not much different in New York than in Lebanon County, she says things just generally are "totally different." She said, "I didn't know what to expect before I came, but Lebanon County is just beautiful and I like it a lot. I've always wanted to live on a farm." One thing that impresses her about farm life is that "everybody is working together." At her home she says, "We meet at the supper table."

But spare time activities are not too different. Faye says in her free time she either goes "to a movie, shopping, or into the city." She enjoys playing the guitar and is working in macrame. Here she finds more visiting among friends when the work is done, and she has become involved in 4-H through the Sattazahns. "I think it's a good program." In addition to learning to care for her animal, Faye has enjoyed roller skating and swimming with 4-H'ers.

There are 4-H clubs in New York and one club with which Faye is familiar is a 4-H ecology club. One of its publicized projects was to help dig out artifacts at an excavating site of a Manhattan bank.

Faye describes her New York home as being on a block with trees and gardens - not all concrete and brick as one might imagine. She was a Girl Scout and has been camping in the country. She has an older sister, Louise, who is a college sophomore majoring in special education.

Faye's parents, Mr. and Mrs. Meyer Greenberg are happy with Faye's decision to take the agricultural course. "They think it's interesting," Faye said, "and they're glad I found something I want to do." Her parents visited her in Lebanon County on their return from vacation.

Admitting that her family observed the meat boycott of a few months ago, she said, "I feel a little guilty about it now."

Faye is a member of her FFA chapter, which is the largest chapter in New York state. She said, "We have just started an awards program, but have taken many trips. We are planning more activities."

As an afterthought Faye says earnestly, "Girls are very difficult to place in the program." She made the contact with the Sattazahn's through a friend of her mother who is related to Lebanon County assistant Agricultural Agent Newton J. Bair. Because it is hard to find enough suitable places, Faye urges anyone who might wish to host a student from New York for the summer to contact the Extension office or the Sattazahns, or contact the school direct.

Faye Greenberg may be a New York City girl, but when she's working at the Sattazahn farm, she's every bit a country girl in her straightforward, earnest manner, her obvious desire to learn and her proven ability to work hard.

After spending two summers on Pennsylvania farms it may be necessary to paraphrase that old song and ask: "How you gonna keep 'em in New York City after they've seen the farm?"

Faye Greenberg lifts a bale of hay to Ulrich Geissler, the FFA exchange student living at the Sattazahns.

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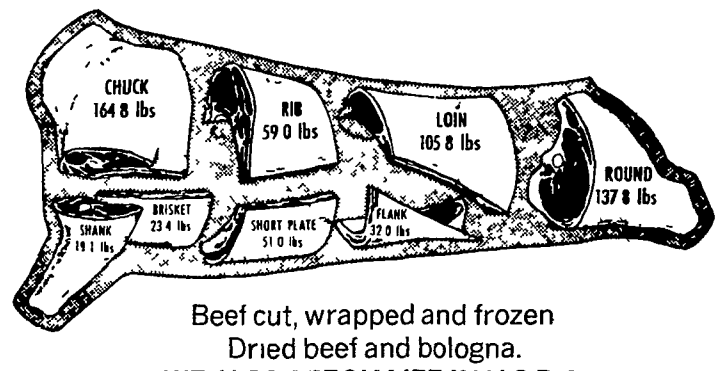

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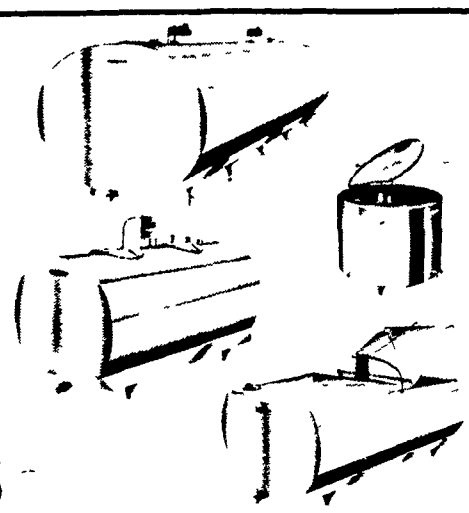

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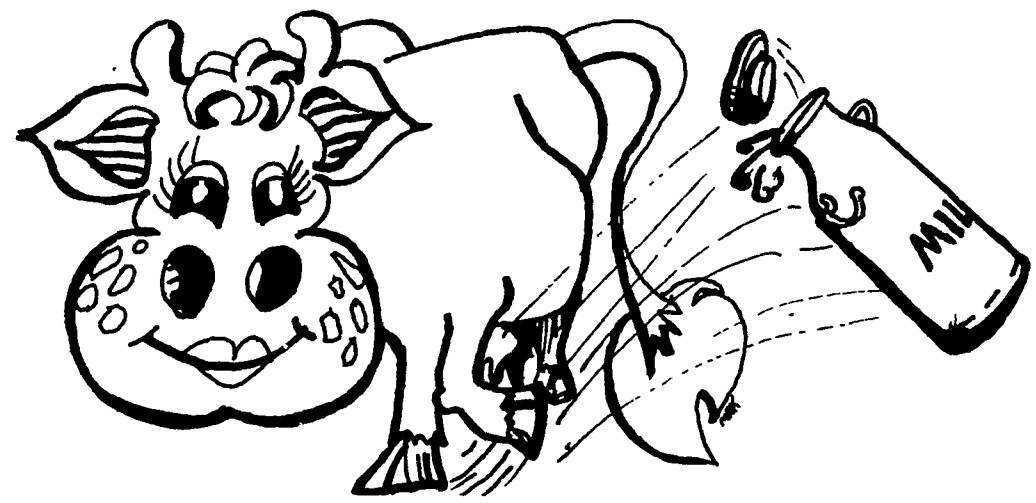

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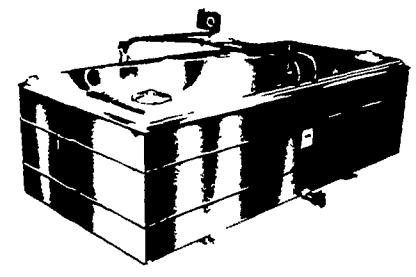

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Home on the Range

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With the current high prices of foods, most of us are particularly interested in recipes for meat-stretchers. Have you an idea you can share with others? Send your choice, or choices, to: Recipes, Lancaster Farming, Box 266, Lititz, Pa. 17543. We'll send a colorful potholder your way as our way of saying "Thanks" for your efforts.

XXXX

Hot Milk Sponge Cake

4 eggs, beaten hard
2 cups granulated sugar
2¼ cups flour
1½ teaspoons baking powder
1 teaspoon vanilla
1 cup boiling-hot milk with 1 tablespoon butter in it
Pinch of salt

Bake at 350 degrees for 35 minutes, or till done.

For a change, try a few drops maple flavor in the icing.

Barbara King
RD1
Christiana

XXXX

Rhubarb Cake

2 eggs
1 cup milk
2 cups sugar
1 cup flour
1 teaspoon baking powder
1 teaspoon vanilla
Dash of salt
6 cups rhubarb
2 cups sugar

Butter a 10x12 inch cake pan well. Place rhubarb in pan and sprinkle two cups of sugar over, evenly.

Mix the first seven ingredients in order for batter. Pour over rhubarb mixture and bake at 350 degrees for about one hour.

Serve warm or cold with or without ice cream, whipped cream or vanilla sauce.

Vanilla Sauce

Mix together:
1 cup milk
1 cup light cream
2 tablespoons sugar
½ teaspoon vanilla
Pinch of salt

Bring to a boil. Thicken over medium flame by slowly adding 4 egg yolks.

Mrs. Roy H. Siegrist
RD1
Mount Joy

XXXX

Prize Chocolate Cake

Cream till light:
1 cup shortening and
2 cups sugar.

Blend in two teaspoons vanilla and four one-ounce squares unsweetened chocolate melted and cooled. Add 5 eggs, one at a time. Beat well after each.

Sift together 2¼ cups sifted cake flour and one teaspoon each soda and salt. Add to creamed mixture alternately with one cup sour milk or buttermilk. Beat after each addition.

Bake in a greased and lightly floured 9x1½ inch round pans at 350 degrees for 35 to 40 minutes.

Verna M. Shirk
RD2
East Earl

XXXX

Oatmeal Cake

1 stick margarine
1¼ cup boiling water
1 cup oatmeal
1 cup brown sugar
1 cup granulated sugar
2 eggs
1-1-3 cups flour
1 teaspoon soda
1 teaspoon baking powder
1 teaspoon cinnamon
1 teaspoon salt

Pour the boiling water over the margarine and add other ingredients, beating well. Bake at 350, approximately 45 minutes.

Remove from oven and spread topping, which has been mixed together, over the cake. Return to oven and broil just until the top is all bubbly (this will be a very short time.)

Topping

1 cup brown sugar
½ cup milk
4 teaspoons melted butter
1 cup coconut

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Shoo Fly Pie

Makes crumbs from:
1 teaspoon soda
1½ cups brown sugar
6 cups flour
½ teaspoon cream of tartar
1 cup lard

Liquid:
3 cups brown sugar
1½ teaspoons soda
3 cups hot water
1½ cups molasses
1 egg

Makes five pies.

Susanna N. Zimmerman
RD2
Ephrata

XXXX

Prince Wale Cake

Dark Part:
1 cup sugar
½ cup lard
Pinch of salt
3 egg yolks
½ cup cocoa mixed with hot water
1 teaspoon soda
1½ cups flour

White Part:
1 cup sugar
½ cup lard
½ cup sweet milk
1 teaspoon baking soda
3 egg whites
1½ cups flour
Pinch of salt

Miss Vera Oberholtzer
RD2
Ephrata

XXXX

Apple Sauce Nut Pies

4 tablespoons soft butter
2 cups brown sugar
6 eggs, well beaten
1½ cups molasses
¼ teaspoon salt
2 teaspoons vanilla
1 cup apple sauce
½ teaspoon cinnamon
2 cups nuts (any kind)

Mix all together. Put in unbaked pie crusts. Make three 8-inch pies. Bake 350 degrees for 50 minutes.

Lizzie N. Leid
RD1
East Earl

XXXX

Pecan Tarts

½ cup butter
1 3-ounce package cream cheese
1 cup plus 2 tablespoons flour

Filling Ingredients:
1 cup light brown sugar
2 tablespoons melted butter
1 egg, beaten
1 teaspoon vanilla
½ teaspoon salt
¾ cup pecans, coarsely chopped

Sift flour into a mixing bowl. Cut butter and cream cheese into flour. Stir mixture with a fork and press into a ball. Tear off walnut-size pieces. Press dough into muffin pans.

Filling: Stir melted butter into brown sugar. Blend in eggs. Stir in vanilla and salt. Fold in chopped pecans.

Bake in a 350 degrees oven for 20 minutes.

Charlene Hoover
RD3
Lititz

XXXX

Chocolate Chip Cake

2 cups cake flour
1 cup brown sugar (packed)
½ cup granulated sugar
3 teaspoons baking powder
1 teaspoon salt
½ teaspoon soda
½ cup shortening
1¼ cups milk
3 eggs
½ cup semisweet chocolate chips, finely chopped
1½ teaspoons vanilla

Heat oven to 350 degrees.

Measure all ingredients into large mixer bowl. Blend one-half minute on low speed, scraping bowl constantly. Beat three minutes at high speed, scraping bowl. Bake 40 - 45 minutes.

Mrs. E. H. Stauffer
RD2
East Earl

XXXX

Jello Sponge Cake

4 eggs, seperated
1 ¾ cups sugar
¾ cup packaged jello (any flavor)
1 cup hot water
3 cups all purpose flour
Pinch salt
3 teaspoons baking powder

Seperate eggs. Stiffly beat egg whites, leave to put in last.

Add sugar and jello to egg yolks. Mix thoroughly. Sift flour, baking powder and salt. Add alternately with hot water. Last of all add stiffly beaten egg whites.

Pour into ungreased tube pan Bake at 300 degrees for 45 minutes, then a little hotter for another 15 minutes.

Miss Lydia Weaver
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Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

How To Store Ice Cream and Frozen Desserts

Most quality defects of ice cream are caused by improper handling. To prevent melting and ice crystal formation, keep frozen desserts below zero degrees. This is satisfactory for a few days storage in your home freezer. If you plan to keep these products for more than two weeks, keep them at minus 15 degrees or below.

When buying frozen foods at the store have them packed in insulated bags. Be sure to put them in your cart last -- just before going to the checkout center. Then go directly home. Don't do any other shopping on the way. Place frozen foods directly in your freezer or freezer section of your refrigerator.

Frozen products should be hard. If they are soft or spongy, temperatures are above zero degrees. Set the thermostat to a colder setting.

Instead of setting ice cream on the counter to warm before serving, use a warm scoop to dip ice cream. Then return the package to the freezer immediately.

If kept frozen, ice cream will keep for months. Manufacturers store it at minus 20 degrees to minus 40 degrees. Remember, to maintain smooth texture and fine flavor of ice cream, keep it at below zero degrees in your home.

Plan Fabric Shopping For Best Use

Now's the time to stock up on fabric bargains for next year's sewing. Stores are clearing their inventories and if you can anticipate your needs, you can make drastic savings. Prices are expected to go up, too, so it will pay you to think ahead.

If you tend to buy more than you really need and don't make it into garments, you may find your bargains are expensive ones. It's easy to get carried away with the idea of having a beautiful piece of fabric at a good mark-down without considering how it will fit into your wardrobe plan, or if you have the time to make it, or even if you need it at all.

If you really intend to make up the fabric, consider how to get the most for your money when you buy on sale.

Keep in mind that fabric and fashion go hand in hand. Fabrics can go out of style as quickly as a dress style. Will that wild print be suitable for next year's long skirt? Or will the long skirt even be fashionable next year?

Wool fabrics may be a good buy if they are reduced. But be sure you have good storage facilities and store the fabric safely until you use it. Moths can eat away your bargain fabric.

Unless you make up the fabric soon and have a good idea of the yardage you need, you might have a tendency to overbuy so you'll "have enough" in case the styles change. The extra yardage may be wasted and this brings up the price

How many new dresses do you really need in a year? Have you made up the fabric you have on hand? Remember that there will be other sales next year.

Do you really like the fabric? Does it really look like you? And is it a fabric you'll feel comfortable wearing?

If you are a shopper who likes to give the remnant counter the "once-over" be wary of an apparent bargain. Sometimes slow-moving fabric is cut into dress lengths and placed on the remnant counter at no reduction in price.

Check the fabric width. Sometimes the wide knits are cut in half lengthwise, so the fabric is only half the width you normally expect.

Inspect the remnant for flaws, soiled spots and other damage. Often you can cut around these if you have enough fabric, but it also takes more time to plan the layout. Do you save enough money to make up for the extra time and trouble? Are soiled areas ones which will wash out? Some greasy spots are difficult to remove.

Check the grainline of woven fabrics. Off-grain fabrics are often on a bargain table.

Remnants don't need to be labeled as to fabric content and care directions, although many are. Be sure you know how to care for the fabric after you buy it.

Grandparents' Role in Raising Child Important

Grandparents have a lot to offer children besides time and a lap to sit on. They can have a tremendous influence on children, reminds James Van Horn, Extension family life specialist at The Pennsylvania State University.

Grandparents can give children a look into the past that parents can't supply. There is wisdom in hindsight and experience. Aging is less unreal and threatening to a child, if Grandma and Grandpa are people he and his parents are glad to know. And grandparents are examples of what families are all about, even though today they are seldom involved in children's daily experience.

Unfortunately, certain misunderstandings seem to come between many parents and grandparents. Grandparents need to realize that every set of parents--including their own children--must develop their own philosophy of child-rearing, in harmony with the times. Just as they expect that they will manage to raise children in positive ways, Van Horn, says parents must understand that grandparents will fall back on "tried and true" practices that went into successful up-bringing a generation ago.

Parents can also guard against being over-defensive about grandparents' advice. An innocent suggestion that a young parent might take from a friend, may be interpreted as "meddling" or "domineering" when made by a grandparent.

And when leaving children with delighted grandparents, parents might remind themselves not to take advantage of the situation. Grandma and Grandpa are no longer used to the constant presence and demands of a child, and says Van Horn, they may tire after a time.

Society 5

Farm Women Society 5 entertained their husbands and friends recently at the Conestoga-Sheraton. Mrs. Graybill Longenecker, president, presided during the evening. Mrs. Paul Stern had charge of the arrangements.

The speaker of the evening was Captain Charles McCaffert, community relations division of the city of York, who works with youth. He was introduced by Rev. Clyde Weaver.

Mrs. Wilbur Hostetter led the group in singing.

The next meeting of the Society will be held at 1:30 p.m. August 25 at the home of Mrs. Walter Holbein, Landisville.

Farm Women Societies

Society 1

The Society of Farm Women 1 met at the Middle Creek Wildlife Museum and was taken on a slide tour of the area. A short business meeting was conducted by Mrs. Paul Kurtz, president, in a picnic area. It was announced that the County Convention will be held at the Lancaster Bible College on November 3. Mrs. Mark Hatfield will be the speaker.

Society 1 will be responsible for two table arrangements. Tickets for the convention may be obtained from Mrs. Kurtz.

The next meeting will be held at the home of Mrs. Elmer Hershey, Lititz RD2 at 1:30 p.m. An auction sale has been planned. Devotions will be presented by Mrs. Franklin Weber. Roll Call will be answered by members giving a favorite recipe. Hostesses will be Mrs. Hershey and Mrs. Raymond Groff, Sr.

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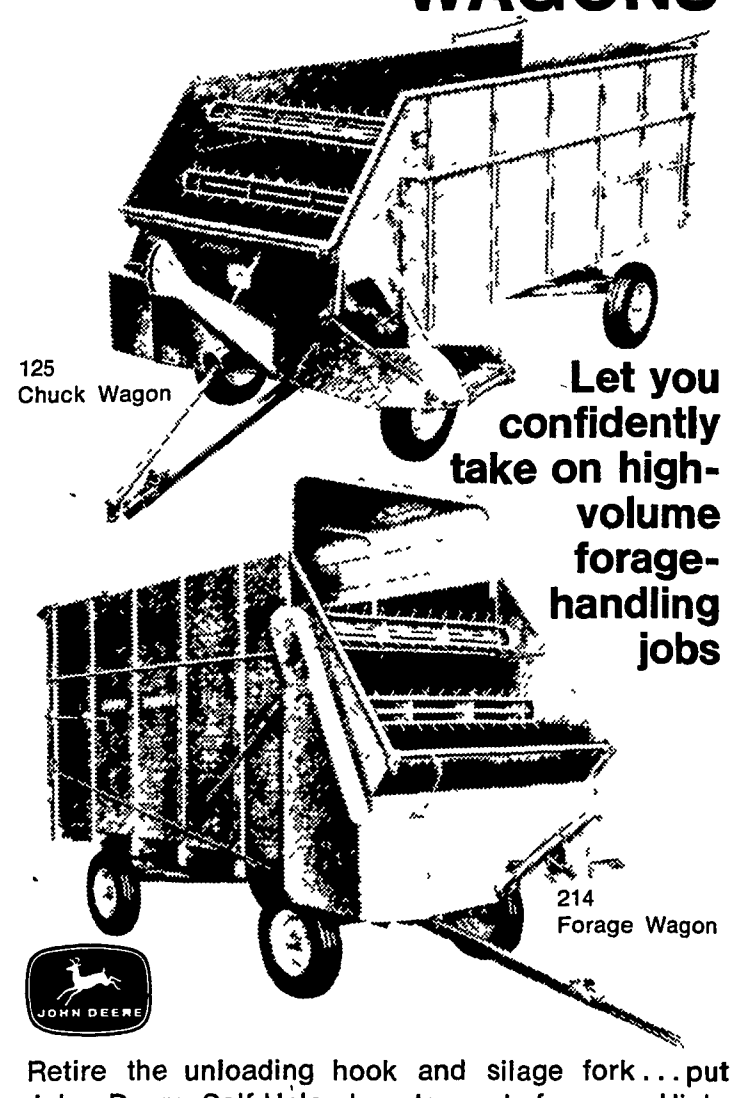

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Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

FOOD LABELING — I

A most interesting discussion (not a debate) occurred some weeks ago in Denver at a conference sponsored by the National Dairy Council for food writers. The subject was food labeling and the men airing views that caught my ears most were Dr. Ogden Johnson of the Food and Drug Administration and Dr. Dee M. Graham of the University of Missouri.

Each man possesses a background qualifying him to speak on this topic which is of such interest to consumers. But their approaches are different. Dr. Johnson, being Director of the Division of Nutrition with FDA and having been closely involved in developing the new FDA food labeling regulations, is eloquent in support of those regulations. Dr. Graham, Chairman of the Department of Food Science and Nutrition at the University of Missouri, was formerly with a prominent food processing firm so his approach is especially knowledgeable regarding some of the problems the regulations may face.

FDA's Mission

Dr. Johnson explained for the assembled food writers that FDA's mission is to protect the consumer from hazards and obvious fraud. He pointed out that historically FDA has performed this task by police work and in his opinion this has not been sufficiently effective.

Meantime, Dr. Johnson said, times have changed. We have changed from a producing society to a consuming society. We no longer make the things we use. FDA's approach now must be to give the consumer more information with which to protect and guide himself. Regarding food, this means there must be new food labeling regulations.

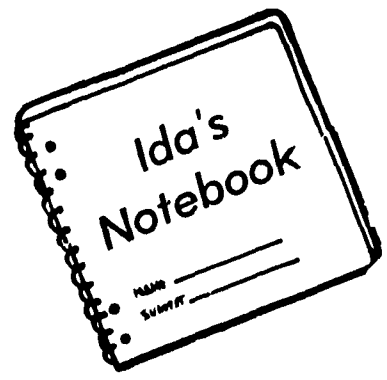
The New Regulations

The new regulations, he said, will provide: 1) a mechanism to identify the quality of products; 2) an aid in planning adequate meals; and 3) the stimulus for greater interest in nutrition.

Technically, a food manufacturer will not have to list the nutritional content on his product label. Only if he fortifies his product by adding some nutrient, or wishes to make some claim of dietary benefit does he then 'trigger" the requirement for specific information on his label. Of course, the realities of competition—such as a competitor making claims and listing nutritional content—means a food manufacturer could well find that the labeling is not voluntary at all, but essential and forced upon him if he wishes to remain in business.

But if one believes the more information consumers have, the better, such problems as the foregoing are not a deterrent. And once a food processor gets into labeling, what must he list?

We'll get into that next week, along with some of Dr. Graham's apprehensions as to whether all this will actually be good for the consumer.



Ida Risser

We've had our annual family reunion. This time we celebrated my father's 80th birthday. Many of those present drove hours and hours to get there and see how the younger children had grown and to look at picture albums.

The men exchanged views on the National scene and the women exchanged recipes for all those delicious cakes and pies. The children played in groups according to their age or sex and everyone seemed happy.

But, I wonder. How many went home feeling misunderstood? How many were unable to express what really concerned them? Unfortunately, seldom do we dip beneath the surface to share what life really means. Communication and concern are vital in all relationships.

XXXX

The corn is growing so tall that I can no longer see any further than the barn. Just a few weeks ago I could watch Cindy take our old dog "Herbie" for a walk through the woods.

I hear motor noises but not until they are almost at the house do I see the vehicle. When I smell smoke, it is necessary to run upstairs to locate the fire -- usually it is a fireplace at one of the summer cottages. I'm surrounded by towering corn.

XXXX

My 4-H Club toured Weaver's of New Holland and saw some of the 70,000 broilers they dress every day being prepared for various types of chicken products. They also process 45,000 dozen eggs and each individual egg must be stamped "U.S." if it is shipped out of the country.

It was interesting to watch each employee do his one small part in preparing the birds. However, with all those sharp knives around I hope they are an amiable group!

Farm Women Calendar

Tuesday, August 14

7 p.m. -- Farm Women Society 22 meeting, home of Mrs. Amos Miller, 1150 Penn Grant Road, Lancaster.

Saturday, August 18

12 Noon -- Farm Women Society 3 Entertain Local 4-H Club, Covered Dish Luncheon, Shady Grove.

Price Freeze Questioned By Industry

Responding to the President's recent 60-day freeze on prices, E. Douglas Kenna, president of the National Association of Manufacturers, said that the Association regretted that President Nixon felt compelled to take the drastic step of imposing the freeze.

Mr. Kenna explained, "We fear that this rigid price restraint may create choatic conditions in the production and distribution of essential commodities. It leaves an interim period of uncertainty in the business world as everyone is left wondering what system of stabilization will be in effect after the freeze period terminates.

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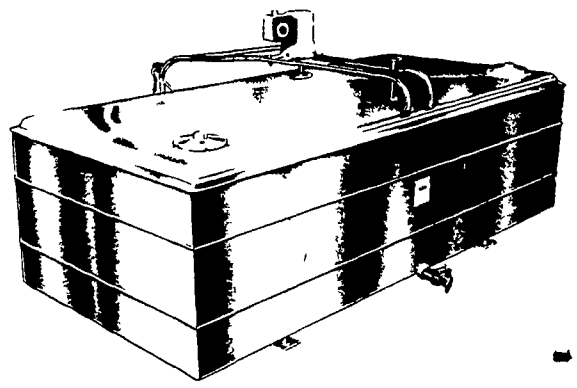

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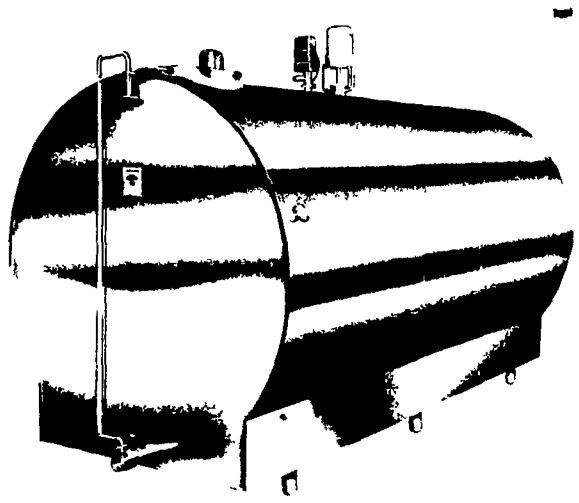

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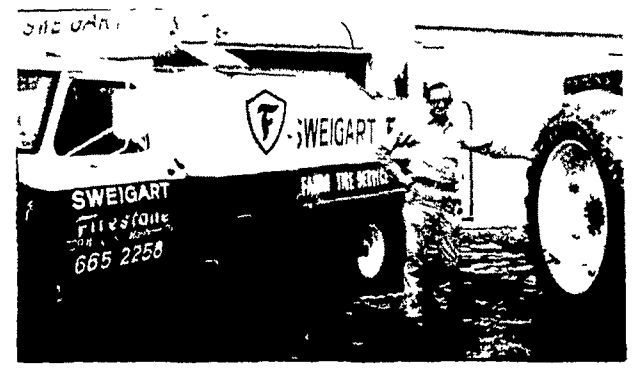

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grain outlook

FEED GRAIN USE... Animals will eat and shippers will export a projected 212 million tons of feed grains during 1972-1973, compared with 193 million tons a year earlier. Domestic use will likely rise from 1972's 166 million tons and there's a 22 percent boost seen in exports. Carryover into 1973-74 may total about 37 million tons, a quarter under a year earlier.

xxx

CORN... Three possible combinations of 1973 production and 1973-74 exports and their impact on prices this summer and fall are:...A large crop (6 billion bushels or more) plus strong export demand (1 billion bushels or more) would mean continued strong prices....A large crop and a decline in anticipated exports (significantly less than 1 billion bushels) mean prices could drop below year earlier levels....A smaller crop (5½ billion bushels or less) plus strong export demand would mean substantially higher prices.

xxx

CORN USE... With a projected 4 percent increase in grain-consuming animal units, and continuation of relatively high livestock prices, a larger domestic requirement is virtually assured for 1973-74. Carryover stocks will be down to a relatively low level of 900 million bushels this fall. Because our exports and domestic use hinge largely on the outcome of production, the most important factor is the size of the 1973 crop. Domestic requirements for this April-September are forecast at 2.0 million bushels, 11 percent above a year earlier.

xxx

SORGHUM SAGA... Combined domestic use and exports of grain sorghum for 1972-73 will total over 900 million bushels, well above 1972's 822-million-bushel crop. April-September domestic use is seen at 275 million bushels; exports, 30 million. Supplies at yearend will be tighter than for any other feed grain. An October carryover of around 50 million bushels looks likely, compared with October 1972's 142 million. Perhaps barley, corn and wheat will replace sorghum in some livestock and poultry rations in the coming feed year.

xxx

WHEAT USE TOPS PRODUCTION... Record exports of 1.2 billion bushels plus domestic sales in 1972-73 will probably push total wheat use to almost 2.0 billion bushels, roughly a quarter more than 1972 production. Carryover will be cut to about 435 million bushels, lowest since 1967.

xxx

WHEAT SUPPLIES for 1973-74 will be down to 2.2 million bushels, a tenth under last year's supply, even if farmers harvest the expected record large 1¾ billion bushels of wheat that the experts project. Demand, though, will be smaller than in 1972-73 because high prices will limit early season feeding use and a bigger world wheat crop will probably slow our export pace.

xxx

FISH FAILURE... World protein supplies were dealt an untimely blow by the failure of the Peruvian fish crop. The catch was first described as "encouragingly large," then as "disappointingly poor." The March - April haul totaled 1.2 million tons, compared with 1972's 4.2 million and an average 9 million over the last decade. Fishing begins again in October. Though Peru's fish seem far removed from U.S. farms, the catch has far-reaching effects on the prices for soybeans and other protein feed ingredients.

xxx

COTTON PARADOX... 1972-73 was a most unusual year for cotton: sizable production under adverse conditions. .rising prices despite intensifying competition from manmade fibers...strong foreign demand balancing large imports of foreign textiles. And for the first time in 7 years, stocks increased significantly as the big 13.7 million-bale crop easily exceeded disappearance. Stocks should total about 4.6 million bales August 1, compared with 3.4 million a year earlier.

EXPORT FLUFF... U.S. cotton now enjoys an improved position in world markets because of larger cotton consumption abroad, stock rebuilding abroad, and poor crops in a number of countries. Shipments are now rebounding from last season's relatively few 3.4 million bales. Sales abroad for 1972-73 will probably total 5 million bales or more, but tight U.S. supplies and overloaded transportation facilities will limit actual shipments to about 4.8 million bales.

xxx

FOOD PRICES UP... The Consumer Price Index bounded ahead 8 percent in the opening 3 months of 1973, leading the way for a significant year-to-year increase over 1972. This year's rapid acceleration in food prices reflects a considerable imbalance in food supplies relative to demand. Inclement weather is limiting food supplies in a year when consumer purchasing power is advancing at an extremely sharp pace. In addition to buoyant demand at home, export markets are expanding rapidly.

Maine Scientists to Test Gypsy Moth Sex Lure

Agricultural Experiment Station scientists at the University of Maine, Orono, will expand and intensify research on use of an artificial sex lure for the gypsy moth under a cooperative agreement with the U. S. Department of Agriculture (USDA).

USDA's Agricultural Research Service (ARS) will provide $8,000 for the one-year study.

Under terms of the agreement, the Maine scientists will assist in conducting field tests in infested areas of Massachusetts to evaluate disparlure as a gypsy moth population suppression agent. Disparlure is a synthetic sexual attractant for the gypsy moth, Porthetria dispar, which was developed by ARS scientists.

This investigation will include conducting and evaluating a pilot field test in which disparlure will be dispersed over a 25-square-mile area to supress sparse gypsy moth populations by confusing males attempting to find females for mating. A similar, untreated 25-square-mile area will be used as a control.

Dr. David Leonard, associate professor of entomology at the university, is the project leader and Dr. Morton Beroza of the Agricultural Environmental Quality Institute, Beltsville, Md., will represent ARS.

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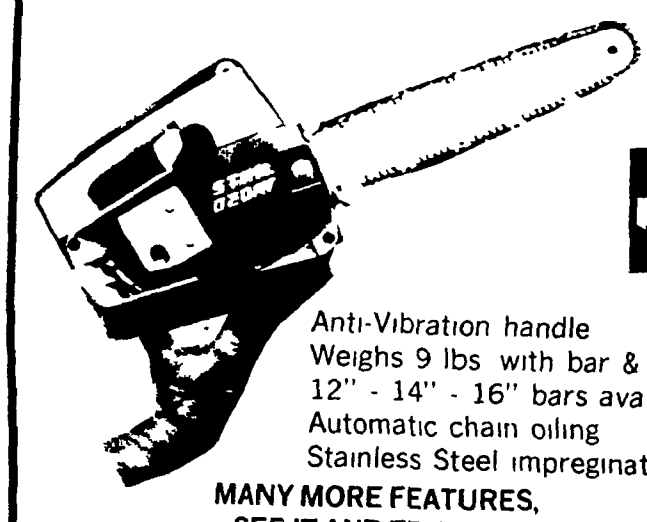

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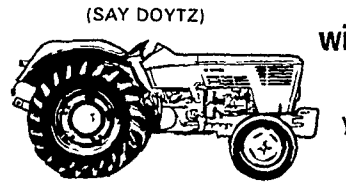

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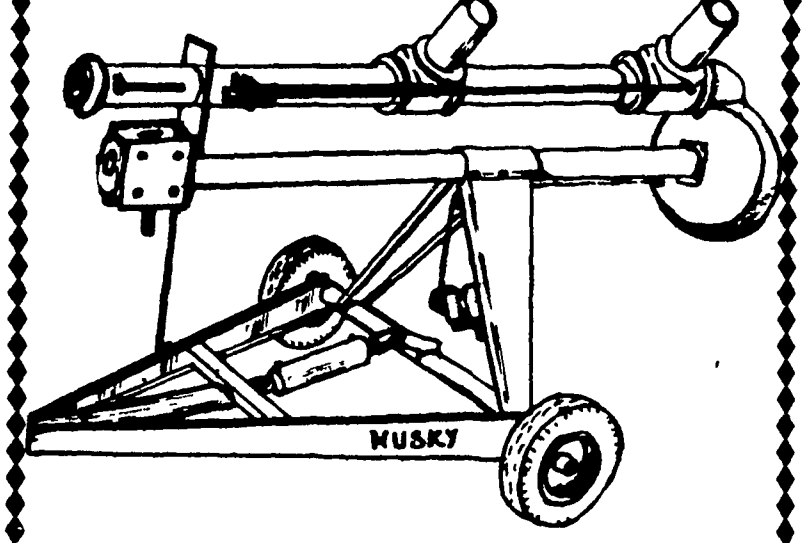

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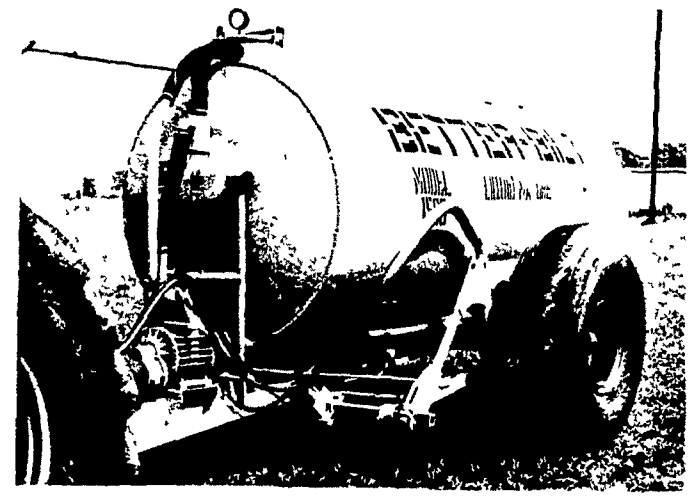

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A contingent of conservationists attending this week's Northeastern Area Meeting of the National Association of Conservation Districts stopped by Amos Funk's Farm Market before heading home to their respective states. The meeting was held at Lancaster's Hilton Inn.

Conservation

(Continued From Page 1)

offer a great deal of assistance. "In Vermont, for example, we have eight courts set up especially to rule on land use questions. Our courts have ruled that towns can control their growth rates, and these same courts recognize that one of our most important goals in the state is the preservation of prime agricultural land."

Paul Johnson, president of the West Virginia Association, reported on the deliberations of the rural development forum. "The objective of the federal Rural Development Act is to obtain a balance between rural and urban lifestyles," Johnson said.

"During our forum, though, somebody asked an interesting question. Are we in danger of imposing lifestyles on some rural minorities, like the Amish and some Indian tribes, who don't really want to live like city people?

"Another interesting question presented at our forum," Johnson continued, "was this: The objective of the Rural Development Act is to attract industry to rural areas to make those areas more prosperous. Couldn't the same goal be attained by spending those funds to upgrade farm income?

"Nobody knew the answers to these questions," Johnson said, "but the attempt to answer them was educational. Our discussions were vigorous and pointed, and confusion was universal. But I think we all learned something."

Another speaker, Afton Schadel, a program specialist with the Pennsylvania Conservation Commission, wrapped up the findings of the forum on non-point pollution control. Schadel first defined non-point pollution as that which comes from diffuse sources, such as soil sediment, fetilizers, animal wastes. A point source of pollution is one with a specific discharge point, such as a pipe or a ditch.

Schadel said the aim of many environmental programs is to achieve a zero pollution rate, where the effect of any discharge into a stream would be nil. There are some inconsistencies in many environmental programs, Schadel commented. "In New Jersey, for example, the waste from hundreds of thousands of overwintering geese is overlooked, but small farms are regulated with strong laws."

Concluding his remarks, Schadel said that the U. S. Environmental Protection Agency may eventually provide funds directly to local conservation districts, and he foresees the day when some districts may become enforcement agencies.

In summing up the forum on challenges in soil and water research, Lancaster County's Amos Funk told about the enormous potential for waste treatment existing in grasses and forage crops. In one study, he said, beef animals were grazed on grassland used to dispose of waste water from a vegetable processing plant. Weight gains on these animals were three times what they would have been on normal range land

"Recycling waste through soils and plant cover is the safest thing to do," Funk said, "if erosion is controlled. This includes waste from municipal sewerage treatment plants. You need only 130 acres of grassland to dispose of all the sewerage from a town of 10,000 people."

Funk noted that currently there are three studies under way to determine the best way of disposing of sludge from sewerage treatment plants. These include rototilling into the topsoil, deep trenching and composting the material with wood chips. Of these methods, he said, the last seems to hold out the most promise.

Finally, Funk reported on work that's being done on a computer program that would be able to predict the extent of movement of various agricultural chemicals after application to croplands. Such a program would enable the farmer to plan his farming activities so as to minimize the danger of polluting nearby bodies of water.

Calendar

(Continued From Page 1)

Tuesday, August 14

10 a.m. – Guernsey Field Day, Romella Farms, Hessdale.

7:30 p.m. – Farm and Home Foundation Board of Directors meeting, Farm and Home Center.

Thursday, August 16

Lancaster County Holstein Field Day, Ernest Sauder farm, Silver Spring Road, Lancaster.

10 a.m. – Chester County Holstein Club Field Day, Jacob K. Stoltzfus farm, Oxford RD1.

Saturday, August 18

National Hay Association Convention, Hilton Inn, Troy, Mich., August 18-21.

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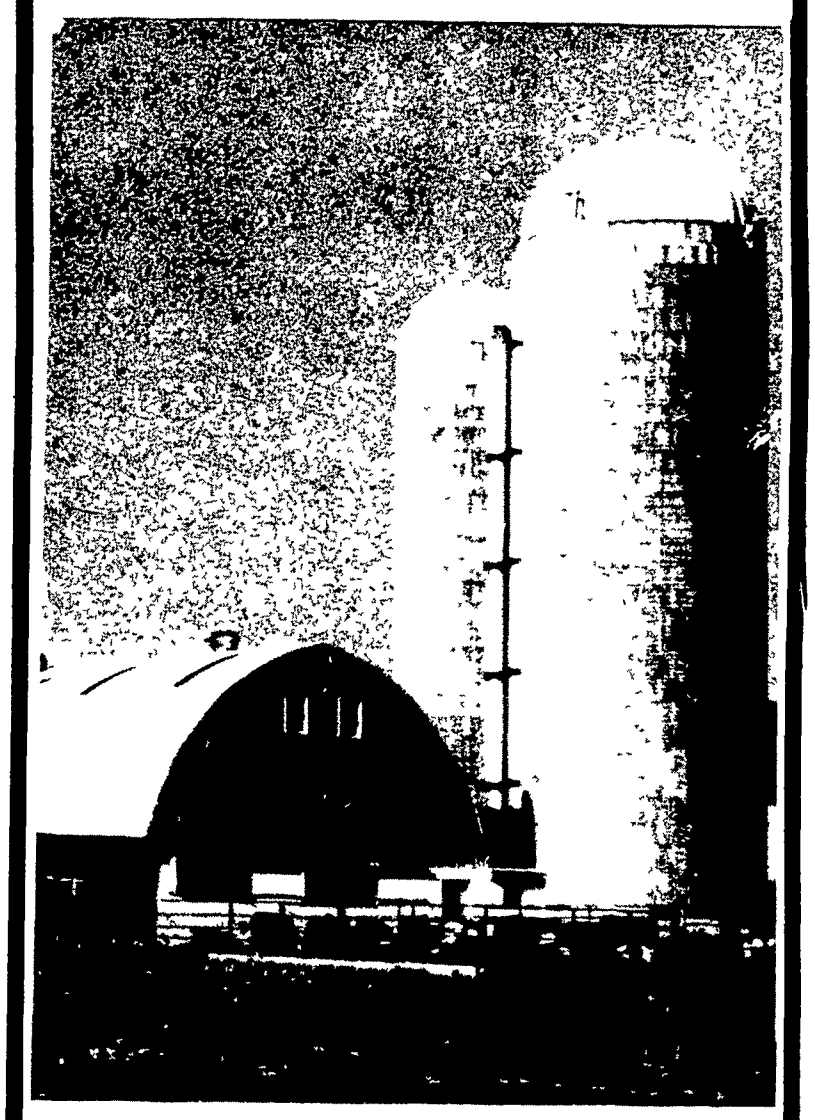

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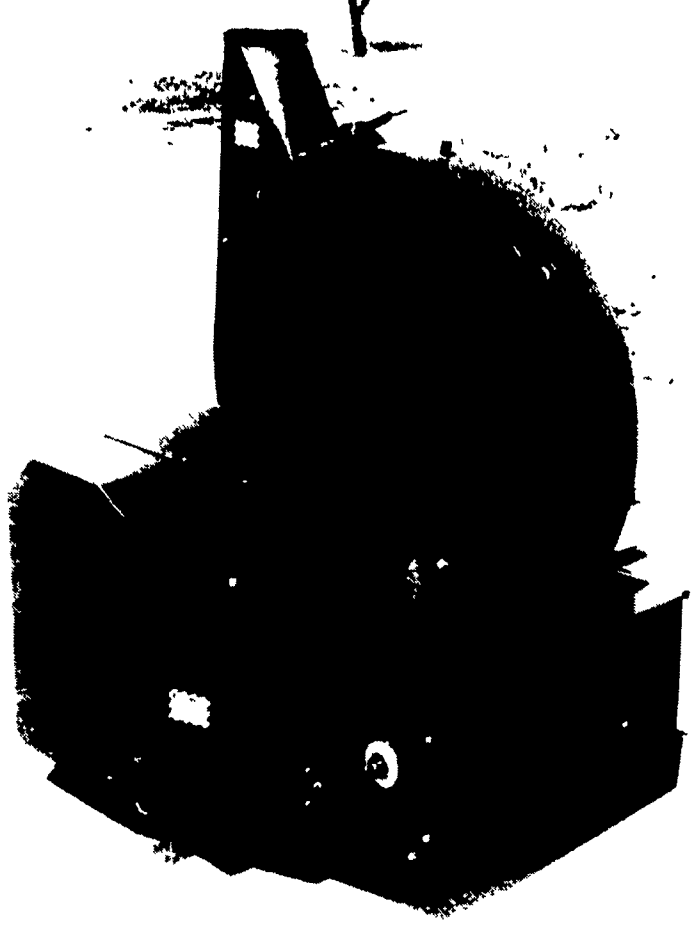

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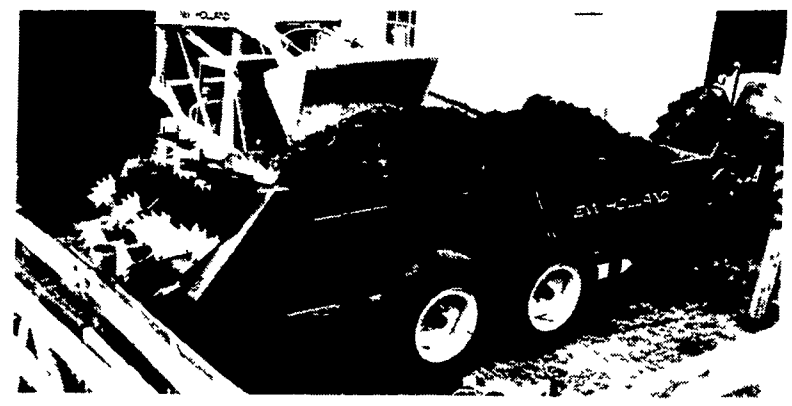

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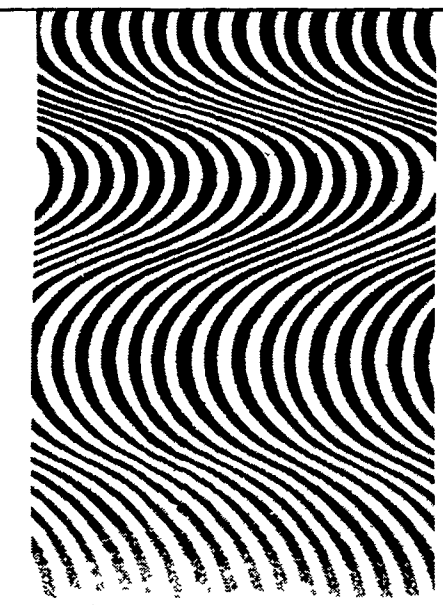

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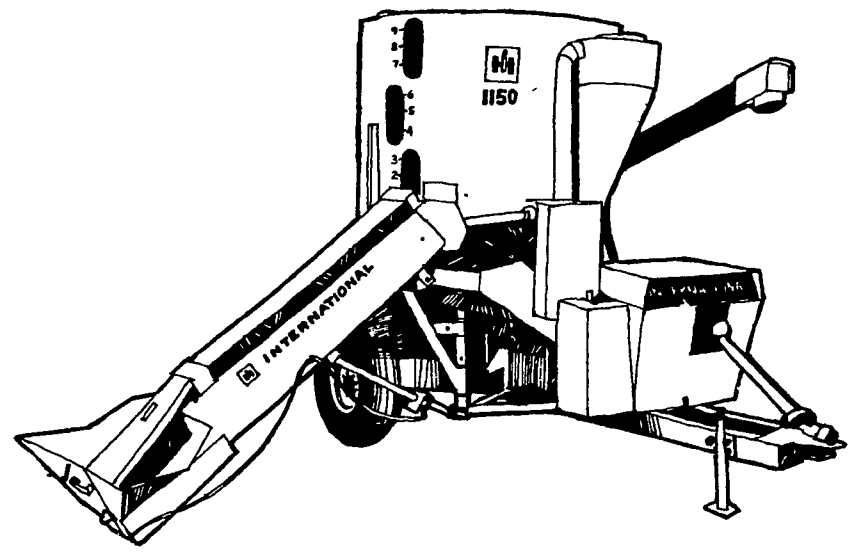

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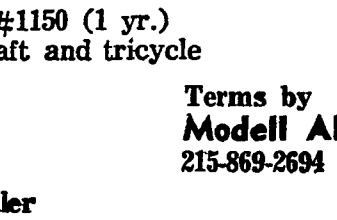

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THURSDAY, AUGUST 16

COVINGTON, PA.

At the farm east of Covington, Pa. Turn off Rte. 15 at caution light and go east for 4 miles. Covington is 4 miles south of Mansfield, Pa. and 40 miles north of Williamsport, Pa.

70 REGISTERED HOLSTEINS

All tested for immediate interstate shipment. Exam for Preg. & Mastitis.

WONDERFUL TYPE SELLING!!

3 "EX" - 13 "VG" - 11 "GP" - 7 "G" BAA - 103.1 percent

TOP PRODUCTION SELLING!!
1 with 905 fat,
2 with 782 and 746-lbs fat.
8 from 600 to 679-lbs fat.
10 from 509 to 596-lbs fat.
7 from 414 to 495-lbs fat (mostly at 2 yrs.)

MANY POPULAR SIRES REPRESENTED!!

6 by Citation R Maple - 7 by Paclamar Bootmaker - 4 by Prestige of Lakehurst
4 by "Marquis" - 3 by Gar-Bar-Dale Burke Kate - 2 by Irvington Pride Admiral
6 by a "Marquis" son, and others.

SERVICE SIRES INCLUDE!!

8 bred to Citation R Maple - 5 to Paclamar Double Triune - 3 to Prestige of Lakehurst
1 to Arlinda Chief - 1 to "Astronaut" - 1 to "Bootmaker"

MANY MEMBERS OF THE HERD HAVE BEEN SHOWN EXTENSIVELY!!

1 was Hon. Ment. All-Pa. 4 yr. old in 1971 - Another was twice H.M. All-Pa.

THIS IS A TOP HERD OF HOLSTEINS THAT MERITS YOUR CLOSE INSPECTION!!

MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS COMPLETE DISPERSAL!!

Sale starts 11:30 A.M. Lunch Available Catalogs Under Cover

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N.Y.
PENNA. HOL. ASSN.
839 Benner Pike
State College, Pa.

ESTATE OF GORDON BAITY
Dorothy Baity, Executrix
Owner,
Covington, Pa.
717-549-2152

4-H Calendar

Saturday, August 11

4-H County Council Sub Sale.

Tuesday, August 14

Lancaster County 4-H Pig Club Roundup, Union Stock Yards; 8 a.m., judging; 1:30 p.m., sale.

Wednesday, August 15

7:30 p.m. – 4-H County Council meeting, Farm and Home Center.

4-H Exchange from Cameron County, August 15 - 18.

Thursday, August 16

4-H Achievement Day, Farm and Home Center.

Saturday, August 18

2 p.m. – Jolly Caterers Roundup, Shady Grove.

Sire Power Sale Averages $2034

Prices were anything but frozen at the 1973 Sire Power Sale held July 31 at the Kutztown, Pa. Fairgrounds. With every one of the 49 entries selling at or above $100, this sale established a new record by averaging $2034, a figure more than $700 above the average of a year ago.

Topping the sale at $8100 was a stylish Round Oak Rag Apple Elevation calf consigned by Maple Lawn Farms of Fulton, Maryland. Only six months old, she sold to Graham Jackson of Walton, New York, with Amelio Curti of Waukena, California the contender.

Of the five high selling entries in this sale, four were by Whirlhill Kingpin with the top one being an Excellent daughter with over 22,500 of milk as a three year old. Consigned by Charles Pushanksi of Kutztown, she sold to William Klodt of Ottumwa, Iowa for $7000. Her May, 1973 heifer calf by Elevation followed her in the ring and sold to the same party for $2600.

Other [illegible]s of Kingpin sold at $5,000, $4100, and $4100. Charles Myers of Lancaster, paid $500 for the high record, very attractive entry of Dennis Hottenstein of New Albany. Kingpin daughters from Donald Williams, Tunkhannock, and John L. King, Jr., Church Hill, Md., both brought $4100.

Throughout the sale the bidding was brisk. A total of 30 head sold for $1500 or more. As in the past, the Kutztown Fairgrounds proved to be an ideal setting for this sale. The next sale is tentatively scheduled for July 30, 1974 at Kutztown.

The Sire Power Sale is sponsored by Sire Power and its three member cooperatives, the Northeastern Breeders Association (NEBA), the Maryland Artificial Breeding Cooperative, and the West Virginia Artificial Breeding Association. Stud and office facilities are located at Tunkhannock and Frederick, Md.

My Neighbors

"I was just passing by when I saw your sign...."

Morgan Horse Show at Devon

This year's Mid-Atlantic Morgan Horse Show promises to be the biggest in its 18 year history. Over 460 horses are due to arrive at the Devon Horse Show Grounds in Devon to compete in the three day affair scheduled for August 16, 17 and 18. They will be coming from 15 states as far away as New Hampshire, Iowa and Florida. A total of $5,000 in prizes will be awarded

This is in sharp contrast to the first show that was held in Frederick, Md. in 1959. Only 40 horses were entered - most of which came from neighboring states. During succeeding years the Mid-Atlantic Morgan Horse Show slowly grew in size. In 1960 it was moved to Quentin, and in 1969 came to Devon. Since then the number of entries has zoomed.

"A major factor in the growth has been the increasing popularity of the Morgan horse," says Dr. Albert A. Lucine, Jr., president of the Mid-Atlantic Morgan Horse Club.

An American phenomena, this stately animal is the first native breed, dating back to 1789 when he originated through genetic mutation rather than selective breeding. His versatility, stamina and gentleness have made him a favorite with both riders and exhibitors. Morgans have strong supple bodies, a spring step, and an air of pride that sets them apart from other breeds.

During the forthcoming show in Devon, they will demonstrate their versatility by participating in riding, driving and jumping competitions. 106 different events are planned including western, English, harness, roadster, and jumping classes. The grand climax will be the colorful Cavalcade Americana. This is a parade of antique buggies with drivers and passengers dressed in authentic historic costumes.

The Mid-Atlantic Morgan Horse Club, which sponsors the Show, also holds a yearly cross country trail ride, and conducts clinics on training, grooming and showing that are open to the general public. It has 320 members. Officers include Lucine, Mr. and Mrs. Alan Zupko, Warner L. Brittain, Joseph Kane, W. Dayton Sumner, and Carl Nason.

Classified as a Star Show by the American Horse Shows Association, the 18th annual Mid-Atlantic Morgan Horse Show and Country Fair will run from 9 a.m. to 11 p.m. In addition to show ring activities, there will be a midway with kiddie rides, booths with gifts and souvenirs, exhibits by local craftsmen, home baked pastries, pony rides and refreshments. TV organist Larry Ferrari will provide musical accompaniment.

The Show is being co-sponsored by the Exton-Frazer Rotary Club. All proceeds will be donated to the West Whiteland Fire Company to purchase life saving coronary care equipment for a new ambulance.

To renew the finish on old leather jackets, use paste shoe polish the same color as the jacket. Cover a small area at a time, let dry a few minutes and polish with a flannel cloth.

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS

2220 Dairy Road Lancaster, Penna.

100 HEAD **REGISTERED & GRADE HOLSTEINS** 100 HEAD

On hand at all times

CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month

CHARLES C. MYERS, Owner. Phone: 717-569-2106 717-569-6800

Park Myers, Sales Mgr. Private Sales Daily

MELVIN KOLB, INC.

MONTHLY HOLSTEIN CATTLE AUCTION

THURSDAY, AUG. 16, 1973 - 8 P.M.

At my Maryland Farm Sale Barn, located ½ mi. NW of Woodsboro, on Rt. 550, Frederick County

100 REGISTERED AND GRADE HOLSTEINS 100

Improve your herd at this Sale which consists of High Quality Holsteins, selected from Top Producing Herds in the U. S. and Canada. Many have records and are AI Sired. Most are Fresh or will be Close at time of Sale.

SPECIAL MENTION:

An EXCELLENT 7 yr. old PERCY HIGH POINT ACHILLES daughter, from an EXCELLENT DAM, both EX in Mammary, As a 6 yr. old: 305d (Ext) 2x 13,961m 674f 4.9t. Dam; best record: 2x 299d 19,860m 732f 3.7t Lifetime: 119,660m 4487f. Bred 1-25-73 to BO NO ASTRO OONA SABER VG-86, plus in Milk, plus in Fat.

A 4 yr. old SEILING PETRO daughter, GOOD PLUS, 83 points in Canada. As 2 yr. old: 17,400m 612f 168-162 BCA, Canadian records. Bred to WAYBROOK SIR WINSTON VG; due 9-1-73. This is a very nice big cow; I am sure will go VERY GOOD.

(2) Two SEILING ROCKMAN - (GP) daughters; a 4 yr. old and a 5 yr. old. 4 yr. old; as a 2 yr: Can. Rec. 14,043m 665f 4.6t. Bred to NORTH LEEDS EXPO CITATION; due 9-2-73. 5 yr. old; as 3 yr: 16,224m 605f 3.7t (Can. Rec.) Bred 11-17-72 to ALMERSON RICHMAN EDWIN

A 2 yr. old ROMANDALE DIVIDEND PERFORMER, Fresh, from Dam: 6-6 305d 2x 15,451m 674f 4.4t.

WE EXPECT TO HAVE SOME HEIFER CALVES FOR THIS SALE

27 Shares of Stock of Boonsboro Livestock Market

Sires of some of these Quality Holsteins are:
LASSIE LEADER
THONYMA HAPPY RAVEN
MILK & HONEY LINDA FOND IMAGE
LIME HOLLOW BURKGOV SUPERB
WOODVALE IVANHOE CHAMP
UNH BURKE IDEAL GRADUATE
PENSTATE STAR MAN
TARA HILLS FOND IVANHOE
GLENHOLM ALERT DEAN PABST
ELMSIDE VIEW DUDE
ROCKDALE PRESIDENT
STRATHBURN SUN LEADER
MYRHILL ROCKMAN RINGLEADER
TARA HILLS FOND CITATION

All Cattle must be as represented. Cattle will be tested within 30 days of Sale for TB and Bangs for Interstate shipment.

Terms: Cash on day of Sale
Not responsible for accidents

James G. Trout
Robert Mullendore Auctioneers
Marvin A. Eshleman Pedigrees
Mehrle N. Wachter Clerk

MEL KOLB
SALE MANAGER

HOME FARM:
621 Willow Road
Lancaster, Pa. 17601
Phone: 717-393-7459

MARYLAND FARM:
R.D.1
Woodsboro, Md. 21798
Phone: 301-898-7663

Loading chute available
Free transportation available - please phone before Wed. noon.

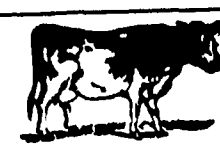
BACKHOES and Payloaders FOR SALE

Cat 922B Loader
Terex Articulated loader
Michigan 125 Payloader
Case W9 payloader
Lorain payloader
(3) Case 1537 Uniloaders
(2) Case 1530 Uniloaders
Melroe 600 bobcat
(2) Melroe 500 bobcats
2 Owattona Mustang
Universal Uniloader
Case 580CK loader
Backhoe (150 hours)
2-Case 580CK loader Backhoe
2-Case 530 CK loader Backhoe
Case 680 CK loader
Ford 4500 loader Backhoe
Ford 3400 loader Backhoe
2 Huber Maintainers
M.F. 2200 loader backhoe
2-Parson loader backhoe

MORE ARRIVING DAILY

WENGER'S FARM MACHINERY, INC.

So. Race St.
Myerstown, Pa.
Ph. 717-866-2138



Dairy Herd Dispersal

Robert K. Totten - Ringoes, N.J.

Thursday, August 23, 1973 at 12 Noon

Place - on the farm on Wertsville Rd. 1 mile East of Ringoes, N. J. Take Wertsville Rd. off Rt. 202-31. 7 mi. E. of New Hope, Pa., 7 mi. S of Flemington, N. J.

50 hd. DHIA testing over 30 years.

49 Holsteins, 1 Jersey. 5 hd recently fresh, 18 hd due from Aug. thru Nov. with the balance in various stages. **Breeding** - Sire Power and ABS used strongly! 2 by Kingpin, Fobes, Lucky, Promise and other popular sires represented. A young herd, 5 heifers due this fall and 15 milking first calf heifers are in this herd! Moderate Feeding - Cattle weren't pushed with feed in anyway, and have great potential for higher production advancement. DHIA rolling average 12,000 lbs. milk 440 lbs. fat with individual records up to 20,000 lbs. milk. Young well bred cattle with strong sound udders and milkability! Truely an opportunity to take advantage of ! Records read at ringside! Pregnancy checked. T.B. & Blood tested and eligible for immediate interstate shipment! Terms cash or good check sale day! Lunch available! Owner & auctioneers not responsible for accidents.

Owner
ROBERT K. TOTTEN
Ringoes, N. J.

Sale Managed by:
COL. FRED R. DANIEL Auctioneers, Inc.
Neshanic Sta., N. J. 08853
(201) 369-4784

Shadowcliff Farms Complete Dispersal

LOCATION At the farm in Bradford County, Pa, 2 miles East of Troy on U S Route 6

FRIDAY, AUGUST 17

10:00 A.M.

Troy, Pa.

73 REGISTERED HOLSTEINS 73

Cert. — Acc. — Interstate Tested — Pregnancy Checked
Health Charts Sale Day

40 YOUNG MILKING AGE COWS: 14 due July - December, including daughters of Seiling Rockman (3), Glenafton Rag Apple Hagen (4), Romandale Dividend Performer, Rocket Kenland of Glenafton, Pawnee Farm Arlinda Chief, Roybrook Reward, Glenafton Herdmaster, Elmcroft Pontiac Chieftain, Rockdale President, Prestige of Lakehurst, Citation R Maple, and many more.

9 Bred Heifers due July 15 to Dec , including 3 by Hagen, 2 by Penn Gate Fond Reflection, 3 by First Minister and 1 by R Maple

7 Open Heifers including 4 by Roybrook Starlite, 2 by Romandale Shalimar Magnet, and 1 by First Minister

16 Heifer Calves 3 months to 11 months including 5 by R Maple, 3 by Tum-A-Lum Misty Shamrock, 2 by Vigo Criterion, 2 by Flettdale E L-V Star, 2 by Spring Farm Tartan Banner, and 1 each by Fond Reflection, Roybrook Jubilee, and A Citation Sovereign

CLASSIFICATION: 1 EX 11 VG 15 GP 6 G (none lower)

DHIA AVERAGES

'72	40 6 cows	14,186	3 9%	550
'71	38 5 cows	15,212	3 8%	578
'70	36 4 cows	15,092	3 9%	584

FEATURES SELLING

—EX-91 dtr of Spring Farm Reflection Ormsby with 2 recs over 20,000m to 21,948m 3 7% 809f Bred to a son of Downalane Ref Emperor and sells with her heifer by Roybrook Starlite born 1-26-73

3 Rockman Dtrs.

1 is VG-88 with 6-9 299d 20,187m 3 8% 759f and due Sept 21 to Prestige of Lakehurst

—Another is VG with 4-7 365d 20,285m 3 6% 717f and due Aug. 9 to Tum-A-Lum Misty Shamrock

3d is VG-86 proj to 539f this time at 3y10m and due Nov 18 to Citation R Maple.

Two More Good Ones

—Elmcroft Pontiac Chieftain dtr GP with 667f 305d 3 8% and selling with her red and white heifer born 5-5 73 by Vigo Criterion

—Prestige dtr with 539f 4% at 2y2m and doing better this time sells with her April heifer by A Citation Sovereign and bred back to him

MACHINERY & EQUIPMENT SELLS

3 tractors- J D 620, Int. M, Int 350, 3 set plows, 1 Oliver 3-bottom trailer plow, Int 3-bottom Quick Tatch, 1 Case 2-bottom trailer plow, J D 34 forage chopper with pick-up and corn head, Lamco forage wagon, Int 12-ft tractor harrow, Int 2-row corn planter, 2 Ontario 11-hoe drills, 3 heavy duty wagons with throw boxes, N.H Super 69 baler with PTO thrower, Smoker 30-ft elevator, Int silage blower with pipe, Decker spreader with hydraulic end gate, Electric tractor seeder, 2 hay racks with trailer chassis, 5-section land roller, cement mixer, Clay power unit 2 -horse motor, 3 bikes, one 20-inch, two 26-inch, one with 3-speed, barn fogger, one 50 lb DeLaval milker unit, 4 feed carts, electric fencer, many other items sell

Free beef barbecue and refreshments served Aug 16 from 6 to 8 p m A good time to inspect this fine herd before sale day

Motel reservations made upon request, sale mgrs, will accept telephone bids until 5 p m the evening before the sale, Phone 717-297-3460 or 297-3461

Cash or Good Check Day of Sale — Lunch and catalogs available.

PERRY & ERIC ANDERSON, Owners
RD 3, TROY, PA. 16947 Reason for Sale: Farm Sold

Rockwell's Livestock, Sale Mgrs.
D. O. Rockwell, Prop., Troy, Pa.

CARL DILLER & EVERETT KREIDER, Auctioneers
JEFF WARNER, Clerk

Nutrient Data Bank Begins New Phase

The U.S. Department of Agriculture (USDA) launched a major phase of its long-range program to computerize detailed information on the nutrient composition on thousands of foods.

The announcement was made by T. W. Edminster, Administrator, USDA's Agricultural Research Service (ARS), whose Consumer and Food Economics Institute already has begun collecting nutrient data on foods in the Nation's food supply from the companies that prepare and market them. When fully compiled, the computerized Nutrient Data Bank will be an international repository of analytical data on the nutrient composition of foods and beverage products. This storehouse of basic information will be especially useful to nutritionists, food scientists, dietitians, physicians, consumers and the food industries, according to Edminster.

"The establishment of an effective Nutrient Data Bank for our food supply," said Edminster, "meets one of our most urgent national needs related to nutrition."

One immediate and direct use of the Nutrient Data Bank will be in USDA's Agricultural Handbook No. 8, "Composition of Foods -- Raw, Processed, Prepared," which is currently the country's major source of food composition data. The revides Handbook No. 8 will be published in looseleat form to permit frequent updating when new nutrient data become available.

USDA has been collecting food composition data for 80 years. However, the advent of voluntary nutritional labeling of foods by industry has accelerated the need for a more complete central source of such data.

Regulations governing voluntary labeling specify, among other things, that industry list the nutritional content of its food products. These regulations, which are administered by the Food and Drug Administration (FDA) of the Department of Health, Education, and Welfare, were published in the Federal Register March 14, 1973. FDA is cooperating with ARS in establishing the Nutrient Data Bank

Edminster said that the Canadian Government and Canadian food industries will also be contributing information to the Nutrient Data Bank.

Sale Register

SAT. AUG. 11 - 10:30 A.M. DST Public Sale of beautiful ranch type brick home with 2 car garage, Household Furnishings, like new, Antiques, carpenter tools and garden tools, located along Rte. 897, 1½ miles west of Schaefferstown, Pa. Terms by Leah Gibble, Mark W. Heisey, Auctioneer.

SAT. AUG. 11 - 10 A.M. EDST Public Sale of Shop Tools and some Household Goods located 1 mile North of Rte. 23 in Bareville, turn off Rte. 23 on the Brethren Church Road then 2nd road right. Terms by Esther S. Zimmerman for the Noah H Zimmerman Estate Robert E. Martin and Frank L. Steller, Auctioneers

SAT. AUG. 11 - 12 Noon Public Sale of Farm Machinery and Antiques located on Frogtown Road, 1 mile East of Martinville, 9 miles South of Lancaster on Route 324. Terms by Frank H. Martin; Kreider and Diller, Auctioneers.

TUES. AUG. 14 - 7:30 P M. Public Auction of 29 Registered and Grade Holstein Cows. Sale by C. Frank Boyle to be held at Rudnick's Barn at Galena, Md. H. Rudnick and Sons, Auctioneers.

WED. AUG. 15 - 9 A.M. Paul Z. Martin's Consignment Farm Equipment Sale at his place of business, located 2 miles East of Intercourse; Route 340, Sale by Paul Z. Martin, Blue Ball, Pa.; Martin Auctioneers and Associates.

THURS. AUG. 16 8 P.M. Melvin Kolb, Inc. Monthly Holstein Cattle Auction at his Maryland

(Continued On Page 34)

PUBLIC SALE

VALUABLE 114 ACRE LIMESTONE FARM

SATURDAY, SEPTEMBER 15, 1973

at 2 P.M.

Located in Heidelburg Twp. along Route 987, 1 mile West of Schaefferstown.

This is the actual picture of farm, beautiful all limestone farm house with 12 rooms, stone fireplace, house has two baths, at present is laid out for two families with 2 modern kitchens, 2 stairways, 2 outside entrances on south side, enclosed porch on north east and entrance for both sides, cellar under all of house, hardwood floors, Losch coal furnace with radiator vapor heat, 190 ft. never failing well, cement block 3 car garage with shop bench in front, 10,000 bu. potato cellar which can be used to store machinery, corn shed 50' by 24' with 4' crib on each side, 2 other corn cribs 45' long one 5' wide, other 6' wide, large barn facing south with 2 dens to drive in, set up for dairy, 3 rows stanchions for 45 cows, rest of barn in heifer pens, barn cleaner in good condition with new 5 HP motor, 2 barn fans, 1 on east side and 1 on west, cement barnyard, bull pen, milk house 16' by 16', double stainless steel wash tubs with stainless steel pipeline to dairy barn for dumping station, 600 gal. Unico milk tank, 2 tile silos, 1 14' by 43', 1 12' by 50', 52 gal. hot water heater, water softener for milk house and house, 280 gal. diesel fuel tank, electric pump with 20 amp meter, 200 amp double throw switch, 20 ft. grain auger used for coal conveyor in house cellar, macadam lane 3-10 of a mile, farm has 25 acres in good Alfalfa, 17 acres in permanent pasture, the rest in corn, this is a beautiful fertile limestone farm for dairy or beef cattle or has great building opportunities with public roads on three sides.

Inspection of farm Aug. 25-1 to 4 P.M., Sept. 1 and 8, 1 to 4 P.M. or by appointment. Call 949-3348 or 272-9757.

Condition of sale - 10 percent day of sale, settlement within 60 days after sale.

RAYMOND P. GIBBLE ESTATE

MARK W. HEISEY, Auctioneer
Egli, Walter, Reilly & Wolfson - attys. at law

PUBLIC SALE

OF

Canadian, Wisconsin and New York Cows

including 15 Outstanding Purebred Canadians and a load of good grade Wisconsin and New York cows.

at Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mi. west of breeding unit

ON

FRIDAY NIGHT AUG. 17 at 8 o'clock

Selling Purebred Holsteins of large size, good type and lots of milking quality. All cows fresh or Close-up springers.

Farmers and dairymen, if you are in the need of top quality herd replacements these are the kind you have been looking for. They are all purchased first hand from farms where they were raised by some of the best judges of dairy cows in the business If you need a can of milk per day of 100 lbs. per day we have the cows for you. Just by all means get to this sale.

CHARLES C. MYERS
OWNER

Abe Diffenbach: Auct.
Henry Kettering: Pedigrees
Park Myers, Sales Manager

EVENING SALE
ELWOOD SWARTZ
DAIRY HERD DISPERSAL
AND
DAIRY EQUIPMENT & TRACTOR

MONDAY EVENING, AUGUST 20, 1973
7:00 P.M. D.S.T.

Located in York County, Pa., off Rte. 83 at Exit 12, Strinestown, turn South on Locust Point Road, 2 miles to SALE:

58 HIGH GRADE HOLSTEINS

CERTIFIED ACCREDITED VACCINATED
WITH INTER-STATE HEALTH CHARTS

53 are milking age; most are young, with good growth; 17 first-calf heifers, selling and 20 second- and third-calf; about 14 recently fresh and 14 fresh or close springers; others in various stages for even-flow; 5 good growth bred heifers, due Sept. to Nov., a real good type herd with good udders and production. Herd from A.B.C. Sires; a number of 80-lb. cows.

PUBLIC INVITED PRIOR TO SALE

DAIRY EQUIPMENT & TRACTOR

Hinman 4-unit glass pipe-line for 48 cows; 48 stall mats, in good condition; 600-gal. Creamery Package bulk tank, remote controll; International 350 Diesel tractor, in good shape.

CLAIR R. SLAYBAUGH, Auctioneer
IDAVILLE, PA., Phone 677-7479
JACOBS, Clerk

Elwood Swartz
R No. 5
York, Pa
Phone 266-3461
or 266-2881

SALE IN COVERED BUILDING

PUBLIC AUCTION

2 TRACTORS, TRUCK AND FARM EQUIPMENT

The undersigned will sell the following equipment on the premises of Westwood Manor Farm on Glenville Rd., take Level Road Rt. 155 - ½ mile east of Churchville go left on Glenville Rd. 2 miles to Farm, Harford County, Churchville, Maryland on

SATURDAY, AUGUST 18, 1973
AT 10:45 A.M.

J D. 4010 Diesel Tractor with standard transmission - 3 pt hitch - wide front end - complete power on very good rubber, J.D. 3020 Diesel standard transmission - 3 pt. hitch - complete power good rubber, J.D. 237 mounted picker husker with multi. lub. new 1971 kit for 3020, J.D. 4 row mounted cultivator, A.C. Model A tractor with 6 ft. side mounted mower, J.D. 3 pt. - 5-14" plow with cover boards, J.D. 46A hyd. manure loader with manure & material bucket, J.D. 38 forage harvestor with 2 row corn head 38" - 1 row corn head, wind row pickup head, J.D. Model 6 forage harvestor single row - corn head & direct cut, 2-New Holland No. 7 crop carriers with 2 beaters & reverse unloading on N.H. No. 19 running gears & airplane tires, N.H. 15 wagon with grove 8 x 16 x 82" bale body, J.D. 33-138 bu. P.T.O. manure spreaker with single beater, J.D. 11 ft. 36-20" disc wheel harrow, J.D. 12 ft. 3 pt. spring tooth harrow, 16 disc Ontario drill with seed & fertilizer, J.D. P.T.O. or elec. motor 32 ft. elevator with grain swivel spouts, Ford 726 6 ft. 3 pt blade, Ford 3 pt. 6 ft. sickle bar mower, N.H. 450 Pitmanless 7 ft. 3 pt. sickle bar mower, McCurdy 140 bu gravity flow grain body with ext., Century 8 row boom sprayer with 200 gal. poly. tank & century pump. N. H. table forage blower, J.D. 820 8 ft. 20 disc off set wheel harrow, 3 feed bunks 4 ft. x 16 ft., 1-4 ft. x 8 ft., spray hose, 50 endless belt, badger silage distributor, harness, hames, circular saw for H or M, 300 ft Plastic hose, many other small items.

Trucks: 1967 Ford ½ ton pickup, 1956 Dodge 1½ ton truck with 12 ft. bed and cattle racks

Not responsible for accidents day of sale.

Mrs. D. Carolyn Fielder
Westwood Manor Farm
RD1 Box 146, Churchville, Md.

William H. Amoss, Auctioneer

Public Sales Register

(Continued From Page 33)

Farm Sale Barn, located ½ mi. NW of Woodsboro, on Rt. 550, Frederick County. Sale Managed by Mel. Kolb, 621 Willow Road, Lancaster, Pa., James G. Trout and Robert Mullendore, Auctioneers.

THURS. AUG. 16 - 11:30 A.M. Baityview Farm Complete Dispersal, Pa. at the farm east of Covington, Pa. Turn off Rte. 15 at caution light and go east for 4 miles. Covington is 4 miles south of Mansfield, Pa. and 40 miles north of Williamsport, Pa. Estate of Gordon Baity, Dorothy Baity, executrix, owner, Covington, Pa R Austin Backus, Inc , Sale Mgrs and Auctioneers, Mexico, N. Y.

FRI. AUG. 17 - 10 A.M. Shadwocliff Farms Complete Dispersal located at the farm in Bradford County, Pa., 2 miles East of Troy on U.S. Route 6. Terms by Perry & Eric Anderson, owners, RD3, Troy, Pa. Rockwell's Livestock, Sale Mgrs., D. O. Rockwell, Prop., Troy, Pa. Carl Diller and Everett Kreider, Auctioneers.

FRI. AUG. 17 - 8 P.M. Dairy Cow Sale of 65 to 70 Head at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in-Theatre or ¼ mile west of breeding Unit Sale by Charles C. Myers, owner, Abe Diffenbach, Auctioneer.

SAT. AUG. 18 - 11 A.M. Public Auction of 90 Holstein Cows and Bred Heifers. Sale by Wm. C. Manlove at Peach Blossom Farm, Earleville, Md. H. Rud nick & Sons, Auctioneers.

SAT. AUG. 18 - 9:30 A.M. Public Sale of Farm Implements, Household Goods, Coins, Antiques, Collectors and Flea Market Items and Junk located ¼ mile east of Yorkana between Delroy and Gusts Fruit stand, along Mapheliah Rd., in Lower Windsor Twp. York Co., Pa. Sale by Mr. & Mrs. David Eppley. York, RD9, Pa. Robert L. Sechrist, Auctioneer.

SAT. AUG. 18 - 12 Noon Public Sale of Valuable Real Estate and Personnal Property located on

(Continued On Page 35)

DUROC SALE

FRIDAY EVENING, AUG. 24, 1973

Show 4:30 P.M. Sale 7:30 P.M.

Location: Martin's Sale Barn 2 miles East of Intercourse, Pa. on Rte. 340

BOARS

OPEN GILTS BRED GILTS

SPONSORED BY

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Dr. Champion will be available for Out of State Sales.

For Catalog write:

George Zimmerman, Sec.
R.D. No. 1
Grantville, Pa. 17028

Auct. Paul Z. Martin

WENGER'S LARGE SELECTION OF FARM TRACTORS

TRACTORS TRACTORS

stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price
21731	Case 1090	D	X	X	X		1100 hours	8500
22157	Ford 5000	D	X	X	X	weights	2000 hours	4500
22416	J.D. 420	G		X	X	weights-row cultivator		1250
21625	Ford 4000	G	X	X	X		1500 hours	3950
22100	Farmall M	G				weights		1000
22452	J. D. A	G	X					875
18938	Farmall M	G				NI 2 row mta. super picker		1750
20833	Farmall SM	G				2MH Int cornpicker		1750
21058	Farmall M	G				NI 2 row mta. super picker		1975
19408	Oliver 1850	D	X		X			4750
22552	Farmall M	G						775
22176	J.D. 2510	D	X	X	X	As is	1900 hours	3250
20699	Case 930	D	X	X				2650
22158	Ford 4000	D	X	X	X		1600 hours	3950
21172	J.D. 3010	G	X		X		new tires	2589
21575	Int. 240	G		X	X			1275
21797	MF 180	D	X	X	X			3950
22185	Farmall M	G				weights		1000
21781	Case 1030K	D	X	X	X		1300 hours	4800
21573	Oliver 2150	D	X	X	X	cab-fender tanks	1300 hours	8000
21421	J.D. 4010	L P	X	X	X	weights		3085
22354	Farmall 856	D	X	X	X	weights-cab	1700 hours	7950
22386	Cub 154	G		X		Rotary mower		1750
22499	MF 85	D	X	X	X			1275
22584	J. D. M	G		X		Hyd. hitch		875
22603	A.C. D17	G	X	X	SC	Hyd. hitch pulley		1950
22609	J.D. 3010	D	X	X	X	weights		3250
22626	Ford 5000	D	X	X	X	weights		4000
22636	Ford 8N	G		X	X			875
19694	A.C. D17	G	X		SC	weights		1935
20425	Oliver 1650	D	X	X	X	weights	2400 hours	3250
19880	J.D. 4020	D	X		X			4500
19319	D.B. 1200	D	X	X	X		1200 hours	3450
19257	J.D. 2510	G	X	X	X		1000 hours	3700
21662	J.D. 1010	G		X	X	weights	1600 hours	1345
22180	Case 770	D	X	X	X		Brand new	7250
22174	Int. 544	D	X	X	X		1400 hours	3850
22175	J.D. 3020	D	X	X	X	weights	exc. rubber	3975
22097	Case 730 CK	D	X	X	X	bumper	2700 hours	2750
20254	M F. 165	G	X	X	X		2200 hours	2950
21742	M.F. 65	D	X	X	X	weights		2500
21361	A C 190XT	D	X	X	X			4600
21415	J D. 3020	D	X	X	X	weights		4500
21669	A.C 180	D	X	X	X	weights	1300 hours	5400
22095	Int. 656	G	X	X	X	weights-Int. 2000 loader		4200

COMBINES

CORN HEADS

21 Flail choppers on stock

If you don't like our prices make a reasonable offer

WENGER'S FARM MACHINERY INC.

Hay Rakes and Mow-ditioners

FARM IMPLEMENTS

SOUTH RACE ST MYERSTOWN PA

PHONE 717 866 2138

SPECIAL SALE

FRIDAY, AUGUST 17

7:30 P.M.

All Weights Steers, Calves, and Cows.

Charolais, Angus and Hereford calves and yearling steers and heifers No paint marks or hip tags on any of these cattle All cattle weighed on sale day

Beef breeds and some holstein steers-Sorted in uniform lots

For further information, contact:
J. FRANCIS TINSMAN

LEESBURG LIVESTOCK MARKET

Phone 777-1411 Phone 777-3521

Regular Sale Day every Monday 2:00 P.M.

Plan now to attend this sale, as quality pays in many ways

Sale Register

(Continued From Page 34)

corner of Hillcrest Dr. and Maple Ave. in Leola, 1 block South of Rte. 23, Lancaster County, Pa. Real Estate at 2 P.M. Terms by Ralph M. Arment; Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. AUG. 18 - 10:45 A.M. Public Auction of 2 tractors, truck and Farm Equipment on the premises of Westwood Manor Farm on Glenville Road, take Level Road Rt. 155 - ½ mile east of Churchville go left on Glenville Rd. 2 miles to farm, Harford County, Churchville, Maryland. Sale by Mrs. D. Carolyn Fielder, Westwood Manor Farm, RD1, Box 146, Churchville, Md.; William H. Amoss, Auctioneer.

MON. EVE. AUG. 20 - 7 P.M. Evening Sale Elwood Swartz Dairy Herd Dispersal and Dairy Equipment and Tractor located in York County, Pa., off Rte. 83 at Exit 12, Strinestown, turn South on Locust Point Road, 2 miles to sale. Sale by Elwood Swarts, RD5, York, Pa.; Clair R. Slaybaugh, Auctioneer.

TUES. AUG. 21 - 7:30 P.M. Public Auction of 40 Holstein Cows and Bred Heifers, 1 Bull. Sale by James Mitchell to be held at Rudnick's Barn at Galena, Md. H. Rudnick & Sons, Auctioneers.

THURS. AUG. 23 - 12 Noon Dairy Herd Dispersal of Robert K. Totten-Ringoes, N. J. on the farm on Wertsville Rd., 1 mile East of Ringoes, N. J. Take Wertsville Road off Rt. 202-31 7 miles East of New Hope, Pa., 7 miles South of Flemington, N. J. Robert K Totten, owner, Ringoes, N. J. Sale Managed by Col. Fred R. Daniel, Auctioneers, Inc., Neshanic Sta., N. J.

FRI. AUG. 24 - 11:30 A.M Public Sale of Holsteins located 5 miles north of Cochranville on Route 41. Take Rte. 926 East 1½ mile to farm. Also 1 mile north of Chatham on Rte. 841 to farm. Sale by Modell Allred; Kreider and Diller, Auctioneers.

SAT. AUG. 25 - 11 A.M. Public Auction of 150 Holstein Cows and Open Heifers, full line of farm machinery. Sale by Thomas H. Hunter at Hermitage Farm, Centreville, Md. H. Rudnick & Sons, Auctioneers.

SAT. AUG. 25, 12 Noon Raymond B. Nolt Holstein Dispersal Sale of 62 High Grade Holstein Dairy Cattle located on Route 422 east from Lebanon to Womelsdorf then Route 419 North, past Four Points Hotel, to Rehrersburg to Strausstown Road, turn right, first farm on left; or 419 South off Route 22, second road left, first farm on left. Watch for sale signs. Terms by Raymond B. Nolt,

(Continued On Page 36)

WENGER'S LARGE SELECTION OF FARM TRACTORS

TRACTORS TRACTORS

stock number	make & model	gas or diesel	power steering	wide front	3 point	attachments	comments	price
21552	Oliver 1855	D	X	X	X		800 hours	7250
21626	Case 1170	D	X	X	X		700 hours	9500
21517	M.F. 165	D	X	X	X			3000
21610	Oliver 1855	D	X	X	X		1700 hours	7250
21553	Oliver 1750	D	X	X	X	weights-cab	2100 hours	5950
21602	Farmall M	G						950
21425	Case 1030 CK	D	X	X	X	weights		5250
21588	J.D. 4010	D	X	X	X	turbo-charger		3930
21074	J.D. 5020	D	X	X	X	weights	1700 hours	8500
21298	J.D. 3010	G	X		X		2500 hours	2796
22085	A.C. D17	D	X	X	X	weights	series IV	3135
21574	Oliver 1950 GM	D	X	X	X	weights-cab	2000 hours	6350
21732	J.D. 1020	G		X	X		2300 hours	3450
21578	Farmall 340	G	X		FH	weights	1500 hours	1575
21591	Farmall 450	G	X	X				1750
21663	J.D. 4020	D	X	X	X		2000 hours	7500
22399	Ford 901	D	X		X			750
21609	Oliver 1855	D	X	X	X		1400 hours	7250
21185	Farmall 450	D	X		F H	weights		1660
21315	M.F. 1100	D	X	X	X	weights	1200 hours	4950
21061	Int. 4100	D	X	X	X	weights-cab 4 wheel drive	1800 hours	11600
21627	Oliver 1950T	D	X	X	X	fender tanks		5750
22177	A.C. 180	G	X	X	X	weights	1400 hours	5225
20429	M.F. 175	D	X	X	X		2500 hours	3500
19457	M.H. 44	G				318 Crysler V8	new tires	1650
21143	J.D. 3010	G	X		X	weights	1400 hours	2884
21741	J.D. 2510	D	X		X		1000 hours	3355
21730	Ford 3000	G		X	X	Dearborn snow plow	1600 hours	3250
22345	J.D. B	G				Cultivator		495
22568	Farmall SM	G				Int 1701 Ldr.	weights	1075
20901	Oliver 1855	D	X	X	X		1000 hours	7250
21589	Int. 656	G	X	X	X	weights	2400 hours	3800
21576	Int 460	D	X	X	X	F H	2300 hours	1700
21465	MF 1130	D	X	X	X	weights	2400 hours	5950
21352	A.C D10	D	X	X	X			2910
22380	Farmall H	G				like new tires	975	850
22132	A.C. 170	G	X	X	X	tire chains bumper	400 hours	4950
20655	A.C. D15	G	X	X	X		exc. rubber	2235
21359	Case 930 CK	D	X	X				2950
21467	J.D. 4020	D	X	X	X	turbo charger	completely	6000
22691	Case 830	D	X	X	X	duals, cab	excellent	4000
22706	A.C. D17	G	X	X	X	good condition		1950

COMBINES

CORN HEADS

21 Flail choppers on stock

If you don't like our prices make a reasonable offer

WENGER'S FARM MACHINERY INC.

Hay Rakes and Mow-ditioners

FARM IMPLEMENTS

SOUTH RACE ST., MYERSTOWN PA

PHONE 717 866-2138

Sale Register

(Continued From Page 35)

Bethel RD1, Pa. John E. and Paul E. Martin, Auctioneers.

WED. EVE. AUG. 29 - 6:30 Sharp Public Sale of Household Items and Antiques located near Christiana. Travel out W. Broad St. about ¾ mile, watch for arrow at MYERS LANE. Sale by Frank W. Myers, Diller and Kreider, Auctioneers.

SAT. SEPT. 1 - 10 A.M. Public Sale of Real Estate, Farm Machinery, Purebred Hogs, Growing Corn, Feed, Hay, Straw, Household Goods and Antiques. Located approx. 1½ miles west off old Rt. 111 (Susquehanna Trail), turning at Albrights Trailer Court, along Glen Valley Rd., only minutes from Exit 2 (Glen Rock Exit) of Rt. 83 Expressway in Shrewsbury Twp., York Co., Pa. Watch for arrow leading to sale. Terms by Mr. & Mrs. Richard Boyd, Glen Rock, RD1, Pa..; Robert L. Sechrist, Auctioneer.

SAT. SEPT. 2 - 9:30 A.M. EDST Public Sale of Real Estate and Household Goods located along Rte. 322 in Hinkletown. Large lot with 3 buildings. 2½ story frame dwelling, 1½ story frame dwelling, 2 story frame barn with 3 car garage. Terms by Aaron and Anna Horst; Robert E. Martin and Frank L. Steller, Auctioneers; Wentz and Weaver, attys.

FRI. SEPT. 7 - 11:00 A.M. 108 Registered Guernseys in the Onahill Farm Complete Dispersal at the farm - Bordentown, New Jersey. Sale by Wm. Von Thaden, owner, Bordentown, New Jersey. Sale managed by The Merryman Company, Sparks, Maryland.

THURS. SEPT. 13 - 10 A.M. Public Sale of Farm Equipment, Household Goods, and Antiques located at 1902 Millport Road, ¼ mile South of Rte. 30, turn on Strasburg Road. Terms by Harry H. Nissley and Reba B. Nissly; Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. SEPT. 15 - 2 P.M. Raymond P. Gibble Estate valuable 114 acre limestone farm, beautiful all limestone 12 room farm house located in Heidelberg Twp. along Rte. 897, 1 mile west of Schaefferstown, Pa. Mark W. Heisey, Auctioneer.

SAT. OCT. 6 - 2 P.M. Public Sale of Valuable Limestone Farm of 104 acres and 52 Perches, Macadam Road frontage on two sides. Sale by Mrs. Paul M. Binner, located in South Lebanon Twp., Lebanon Co. along Cornwall to Schaefferstown Road, Route 419, 1 mile west of Alcoa Plant. Mark W. Heisey, Auctioneer.

FARM FOR SALE

Located in Pillow Pa.

136 ACRES, approx. 100 acres clear, balance in Woodland

9-ROOM FRAME DWELLING with Automatic Oil-Fired Hot Water Heat, Bathroom, & other conveniences. LARGE BANK BARN equipped for Beef & Hogs with Automatic Bulk Feeder, 2 Concrete Silos, 1 10 x 50 ft.; John Deere Silo Unloader, used 2 season; Large 40 x 140-ft. Warehouse, designed for Bulk & Bag Fertilizer Storage; also, 20-ft. Drive-On Scale under roof, Loading Dock & Office, Six 16-ft. and 18 x 60 Concrete Grain Silo with Aeration System, M.C. Model 600B L.P. Gas-Fired Continuous Flow Grain Dryer with 60-ft. Cardinal Bucket Elevator and all other necessary Elevators for the complete Grain Drying Operation, also, Two 1,000-bu. Metal Grain Bins with Unloading Augers, Large 3-Story 32 x 80 Block Chicken House with Heated Work Shop on first floor, Machinery Sheds and other Outbuildings. The above listed will be offered as a complete working unit, making this an opportunity for Beef Cattle, Hog & Grain Operation. FARMLAND is in high state of cultivation, suitable for irrigation if needed, as it borders along the Mahantango Creek. More than ample Water Supply for dwelling and other buildings from Deep Well and Spring.

Price ~~$152,000.00~~ $153,000.00

Lloyd J. Wenger - 717-866-2138 days

717-933-8692 nights

RAYMOND SNOW
CATTLE & MACHINERY DISPERSAL

The following personal property & livestock will be offered for sale at public auction, located on the Thompson-Gelatt Road 3 Mi. S. of Thompson, Pa. 3 Mi. N. Gelatt, Pa. and 2 Mi. E. of Jackson, Pa. Watch for Dayton Auction Arrows.

SAT., AUG. 18, 1973 10:30 A.M.

38 Holsteins 28

This year around herd consists of 23 Milch Cows - 5 Recently fresh, 10 due this fall, and 9 Winter & Spring 4 bred heifers, 6 open heifers, and 5 started calves. These animals are of good size and Mr. Snow has been breeding with Eastern & ABS services since 1956. All T.B. & Blood Tested, and interstate charts will be available day of sale.

MACHINERY: **3 TRACTORS 3**

A.C. D17, (2) A.C. WD One wide front end and one with bucket, A.C. Baler No. 303 with kicker, A.C. Hay Conditioner, A.C. 7' mower, J.D. No. 480 9' Hay Bine, N.H. Rollbar Side Del. Rake, (4) 4 wheel wagons, one with high racks, A.C. 11 Hoe Grain Drill, A.C. 2 Row Corn Planter, (2) A.C. Field Choppers with Corn & Grass Heads, A.C. Blower with pipe, 85" OMC Mow conveyer system with 3 HP Motor, A.C. 3B Plows, 130 Bu. NH Spreader (like new), NH Barn Clearner with 230' Chain, Gehl Power Unit, 12' Pitssburg Harrow, Lime Spreader, 2 Wheel Trailer, Air Compressor, Vent-o-Matic Barn Fan

14' x 40' Concrete Stave Silo & App. 30' Grass Silage

Jamesway 425 Gal. Bulk Tank (like new), Strainers, Milk Pails, 6 Unit Surge Milker Pump, 4 Surge Units, Wash Vats, Elec. 60 Gal. Water Heater, Space Heater, Metal Cabinet, Shovels, Fords, 36' Ext. Ladder (wood), Feed Cart, Cow Clippers Etc.

AUCTIONEER:
Watson Dayton
R.D.5, Montrose, Pa. 18801
934-2309

Lunch

Tent
Raymond Snow
R.D.1, Thompson, Pa.

CALL Elmer Beiler

BUY A CADET TRACTOR and Take advantage of our Everyday Low Prices

Some Last Year Models Available

CALL Leroy Zook

WEAVERLINE FEED CARTS

EARLY DISCOUNT on Lancaster Silo and Unloaders. Ryder Barn Equipment

Call Bob & Les

USED EQUIPMENT

Farmall 460 G Tractor
Farmall Super M Tractor
A & C Cultivators
Farmall 400 Tractor
New SP International Combines
J. D. Fertilizer Spreader
Grimm Hay Tedder
816 Mower Conditioner $1,000.00
5 ft. Rotary cutter tow type $375.00
234 Corn Picker
700 - 6 Bottom Plow
I.H. 470 Disc Harrow with Wings
540 4-Bottom Plow
New Idea Uni-System Model 702 Power Unit with V6 engine 18.4 x 26 tires and combine attachment.
Ask Us For a Demonstration on a 990 *Mower-Conditioner*

PARTS DEPARTMENT

CALL Dick Bomberger

CALL US! IT COULD BE WE HAVE IT.

Genuine I.H. Baler & Binder Twine

Starbar Simax
Dairy and Beef Cattle Dust
$3.40 per Bag

CHECK YOUR

INTERNATIONAL CORN HARVESTER SUPPLIES NOW

Good Inventory on Hand

CALL Titus Burkholder

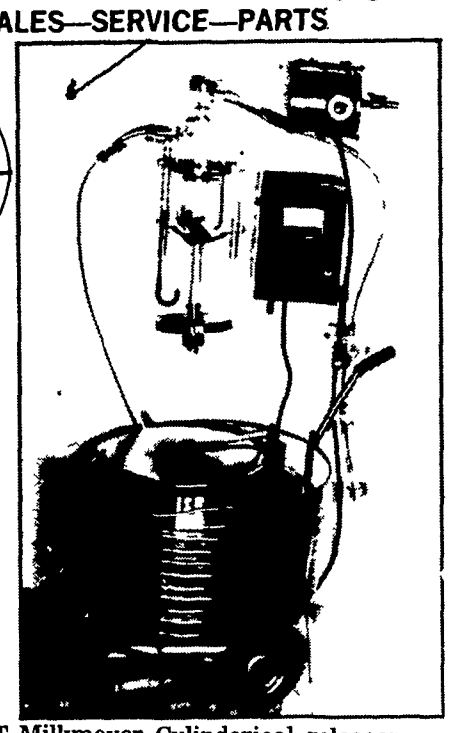
FOR SALES—SERVICE—PARTS

Kesco MILKMOVER SYSTEM

ELIMINATE EXTRA HELP

GET FASTER MILKING

INCREASE PRODUCTION



Model JRT Milkmover Cylinderical releaser jar for use with 100'-⅝' plastic tubing. Milk moving capacity of 900 pounds per-hour. Vacuum consumption less than ICFM.

FOR COMPLETE DETAILS CALL TITUS

USED BULK TANKS

D2 1000 gal. Girton	350 gal. Esco
D2 500 gal. Girton	500 gal. Mueller
500 gal. Esco	545 gal. Sun Set.

USED DIESELS

6-1 Lister 6 H.P. Slow Speed Radiator Cooled
8 H.P. Faryman with Electric Start
AXA Petter Air Cooled 12 H.P. Completely Reconditioned
SR2 Lister Air Cooled 12 H.P. Reconditioned
HR2 Lister with Haas Clutch 25 H.P. Electric Start
AVA1 Petter Air Cooled 5 H.P. Good Condition

RADIO CONTROLLED FOR BETTER SERVICE

C. B. HOOBER & SON

INTERCOURSE, PENNA. **PHONE 768-8231**

Mail Box Market

(Continued From Page 14)

For Sale - Alfalfa hay, $30.00 per ton. you haul. FREE-Kittens, friendly, house trained. Mrs. John Christensen, Silver Meadows Farm, RD4, Manheim, Pa. Box 374, Phone 665-3983

For Sale - Fill Rite 56 inch hopper blower, good condition. Phone 717-653-5750.

For Sale - Number 325 New Idea picker sheller like new condition. Also 12 (4 ft.) A frame air ducts. Phone 717-867-1255

For Sale - Border Collie pups $10.00; 5 Fir Girders 8x10-20 ft. long; new 30 inch aluminum storm doors all hardware included $20.00 each. Ben R. Beiler, Kirkwood.

For Sale - Zimm-O-Matic cage layer feed cart 3½ HP gas engine 450 lb. capacity $150. N. P. gas chicken incinerator with after burner, never used $175. Phone 367-1861

For Sale - Lancaster SLA 12 mini chain saw, factory overhauled $50. Phone 426-1330.

For Sale - Tobacco ladder wagon, excellent condition. Daniel Z. Stoltzfus, Snake Hill Road, Box 233, Bird-in-Hand, Pa. 17505

For Sale - Ground driven corn binder, good condition; Surge milkers. Jacob K. Miller, Quarryville RD3, Pa. between Green Tree and Nine Points

For Sale - Two 40 ft. Big Dutchman chicken waterers, used 1 year; Roll away nests, and slats. Titus Z. Martin, East Earl RD1, Pa. 17519 across the road from Terre Hill Silo Co.

For Sale - MT John Deere tractor with double row cultivator in good condition. Phone 665-2387

For Sale - 50 foot New Holland Elevator with gas motor $350. Call 215-932-2408

For Sale - Bear Cat flail chopper used very little $$1175. John Deere 5 bottom auto. reset plow real good $1350. Fordson Diesel backhoe and loader $1950. Phone 717-273-6036

For Sale - Purebred Duroc Boars born March 1973; Purebred Spotted Poland Boars, born March 1973. Alvin M. Lapp, Gap RD1 on Buena Vista Road

For Sale - 20 Columbia stalls, 20 Kreider stalls, $5.00 each. 30 gallon electric hot water heater $5.00. Phone 284-4941

Wanted - Used starter in good condition for Oliver 88 Diesel. Phone 445-5938

For Sale - 16 ft. PTO rear unloading forage wagon. High sides and in excellent condition, $900. Call 717-949-6596

For Sale - Zim-O-Matic barn cleaner 3 HP motor, pump, rods and elevator. Call 215-589-2636

For Sale - Timothy hay, 80 ton bales stacked and covered. Phone 215-384-5508

For Sale - 40 used school desks assorted sizes could be used in 1 or 2 room school or as antiques. Hess Christian Day School, Call 626-7859

Feeder pigs available and on order. Call Meyer Farm, East Berlin, Pa. 259-9839 after 6:30 P.M. weekdays, all day weekends.

For Sale - Purebred Holstein bull 12 months old. Phone 872-5663

Wanted - Used tin for feeder roof. Phone 768-8620 or write David R. Stoltzfus, Narvon RD2, Pa.

For Sale - Organic grown cantaloupes, jack-O-lanterns and neck pumpkins latter part of month, sassafrass logs and locust posts. Phone 285-5672 or 285-5051. Shirk, Route 1, Ironville Pike, Columbia.

For Sale - 4 year old white mule, broke with a lot of snap $325. Samuel S. Glick, Bird-in-Hand RD1, Stumptown Crossroads.

For Sale - Saint Bernard pups AKC1 3 year old female, watch dog, best offer; Saint Bernard Stud Service. Phone 215-593-5044

For Sale - New Holland 717 harvester; International number 16 Harvester. Phone 442-8277.

For Sale - Corn binder. Phone 464-3189

For Sale - Good corn silage in upright silo. Phone 548-2469

For Sale - 12 gauge shot gun and fire wood; FREE flat wood. Phone 354-7974

Food

CANTALOUPES
Grown on the Farm
of
Paul W. Deiter
1 mi. S. of Manheim
Along Junction Road
Phone 665-2387

Real Estate

PUBLIC SALE

Real Estate, Farm Machinery, Purebred Hogs, Growing Corn, Feed, Hay, Straw, Household Goods, and Antiques

Saturday, September 1, 1973 at 10:00 A.M.

Located approx. 1½ miles west off old Rt. 111 (Susquehanna Trail), turning at Albrights Trailer Court, along Glen Valley Rd., only minutes from Exit 2 (Glen Rock Exit) of Rt. 83 Expressway in Shrewsbury Twp., York Co., Pa. Watch for arrow leading to sale.

Real Estate

Tract No. 1 - Consists of approx. 6 acres improved with lg. remodeled brick home, bank brn & lg. farrowing house, corn barn & fenced meadow land with a spring fed stream & pond. House is remodeled with lg. brick fireplace & wall, wood paneling, modern kitchen, bath, 5 bedrooms & 2 finished rooms on the third floor. Other improvements are oil fired hot air furance, gas hot water heater & cemented basement. The farrowing house is 20 x 130 ft. consisting of 21 pens, feed area & equipped for a lg. full scale hog farrowing operation.

Trace No. 2 - Consists of approx. 64 acres of clear level farm land adjoining tract No. 1 and originally part of the same real estate to be offered in separate tracts & then in its entirety. This farm has many development possibilities in that the location is near Glen Rock & only minutes from Exit 2, Rt. 83 Expressway.

Terms 10 percent down day of sale & balance in 30 days, also buyer may use the option of a purchase agreement whereby only a percentage is to be paid down & balance to be financed for 5 yrs. of 5 equal payments at the rate of 7 percent interest annually. Real estate to be offered at 2:00 P.M. and subject to prior sale. Inspection by calling 717-235-1777

Farm Machinery

J.D. A tractor; J.D. automatic wire tie PTO pickup baler; Woods Bros. 6 ft. cut combine with motor; J.D. tractor manure spreader; Ford 13 disc grain drill; J.D. 3 section 36 tooth harrow; J.D. 28 disc harrow; J.D. No. 953 16 ft. wagon; J.D. corn planter; Ford 6 ft. mower; J.D. 4 bar side delivery rake; Ford post hole digger; Ford cord wood saw; Papec hammer mill; Sears cylinder corn sheller; Sears 2 row corn planter; Craftsman 2½ gal. paint spray tank; Sears spray paint gun; ½ HP Craftsman 4 cyl. compressor; alum. elevator with ½ HP electric motor; 12 ft. truck bed with cattle racks; J.D. 3 - 16 in. bottom plow; Ford 3 pt. hook tractor scoop; J.D. manure spreader tires & wheels; acetylene welding outfit; platform scales; lg. cattle & hog scale weighs up to 3600 lbs.; lg. group of wooden windows; 50 sheets of 4 ft. x 8 ft. insulation; 5 bags of certified Wong seed barley; glass chicken waterers

Purebred Hogs & Equipment, Corn, Hay, Straw, & Growing Corn

10 head of Berkshire brood sows, some bred & some with pigs; 1 yearling herd reg. boar; 1 200 lb. stock boar; approx. 60 hd. shoats weighing 40 - 80 lbs.; hog feeders, troughs & waterers.

Approx. 300 bu. of last year ear corn; 18 acres of growing corn to be offered by the acre; 400 bales of old barley straw; 300 bales of new barley straw; oats straw; baled hay.

Household Goods & Antiques

Ironrite automatic ironer; several iron beds & springs; maple desk; 2 metal desks; metal wardrobe; 5 dr. metal storage cabinet; 1 metal storage cabinet; kitchen sink; bathroom sink; bathtub; commode; chairs; coca-cola ice cooler; Pencraft 21 in. mower; Draftsman table; lg. two kettle iron butcher furnace; sm. butcher bench; sausage stuffer; pot bellied stove; 5 gal. milk cans; crocks, jars, bottles, dishes; 2 antique sewing machines; & many items too numerous to mention.

Terms: cash or approved check

Mr. & Mrs. Richard Boyd
Glen Rock, Pa. R.D.1

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk
Refreshment rights reserved
Not responsible for accidents

Real Estate

NEW YORK STATE

Jefferson County 200 acres, 34 stanchion barn, bulk tank, extra buildings, large remodeled house, 22 Holstein milch cows, machinery $65,000.

SANDY CREEK

240 acres, barn space 58 head, tank, cleaner, silo, all machinery, 60 Holsteins, all crops, 5 bedroom house $110,000. Owner carry 70 percent Mtg. Balance easily financed.

CHAS. J. GRAHAM REAL ESTATE
Liverpool, N. Y. AC 315-457-3380

We are LOOKING FOR FARMS with or without ACREAGE TO RENT. We have QUALIFIED TENANTS, most with references that are interested in FARM LOCATIONS. For more information please call collect 717-392-5720
Home Rental Locators, Inc.

Working Dairy Farm

200 acres
Centre Co., Pa.
Near State College, Pa.
30-40 head
& nice timber

UNIVERSITY REALTY

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travel trailers.
Phone 717-768-3226

Services Offered

Wanted - Carpenter work. Will build houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp, Christiana, Pa. Box 274, 17509 or Driver. Phone 529-2841 or 768-3624

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ABLE TO WORK A FEW EVENINGS A WEEK??? Earn $40.00 a night demonstrating toys and gifts from now until November. No investment - No experience - No delivering - No collecting - No paperwork - "NO CUSTOMERS' SERVICE CHARGES" - Car necessary. Call 665-4435 or write Toy Ladies Party Plan, Johnstown, Pa. 15904.

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Wants to Buy - Farm Properties with development potential. 30 acres to several hundred acres. Howard Goss, Office 761-6113. Home 737-2234.

Approx. 120 acre farm in Perry County. Good productive soil. Bordered by beautiful Shermans Creek with attractive view from buildings. Lots of water, drilled well. Paved road frontage. Call 789-3183, John Harold Rice, R.R.1 , Box 54, Loysville, Pa.

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Wide or narrow rows
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Cold Storage Insulation. Fruits-Vegetables. SPRAYED ON URETHANE FOAM. Ideal for temperature and humidity control. Continuous coating - no seams - no adhesive. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5:00 P.M. call 872-2233.

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Mfg. "KESCO" Dairy Equipment

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Part-time help for gathering eggs, 2 to 3 hours daily, 10 to Noon, Lititz Area. Phone 626-0160

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Experience preferred but not required.

Prefer person from Lancaster County.

W. L. ZIMMERMAN & SONS

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Intercourse, Pa.

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1 J.D. 336 Baler with No. 30 bale ejector
3 J.D. 24T Balers with No. 2 ejectors
1 New Holland Super 69 Baler
1 Hesston PT10 mower-conditioner

Special Waiver of Finance

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Many Sizes

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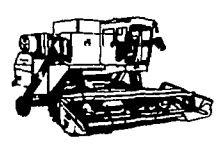
New Machines



F-656 Gas Tractor (Demo)
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No. 3200 4-Wheel Drive Compact Loader
No. 33 Hay Conditioner
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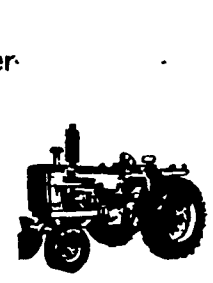

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Mueller 1000 gallon milk tank, 5 HP Lehigh, automatic washer 2 years old all stainless $4000.; 600 Dari-Kool $1075.; 3 HP Model D Alamo Surge vacuum pump $350; 6 Surge electric milker pails $75.00 each; Surge dumping station complete with line, washer and dryer $350; 15 ton bulk feed bin $650; 22 ton bulk feed bin $850; heavy steel bins. Will guarantee, trade, deliver.
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36 ft., 48 ft., and 60 ft. diameter. 12 ft. depth, circular precast concrete with gunite coated interior.
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Ph: 717-733-6166

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For Sale - Bonus registered Holstein cows, good plus, second calf record is 17,401 lbs. of milk. Registered Bonus second calf heifers record 17,401 of milk, 3.6 test, 6.19 fat. Bred to Kate sire. Due Sept. 2. Call 733-3994

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BOARS, SERVICE AGE
HERBERT SCHICK
RD2 KUTZTOWN, PA.
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24 T Baler w-number 2 kicker
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Kinzers, Pa. Ph. 442-4186
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1,000 gallon Mueller HiPer-Form tank with Automatic washer with 2 4-HP Compressors, used 7 months, like new, new warranty.

Wanted - Cream separator in excellent working condition - preferably electric. Write or call collect Donald Weeks, 215-FI2-1000 or 1705 Crestview Ave., Willow Grove, Pa. 19090

Milk Tanks
1000 Mueller two years old; 5 HP Lehigh automatic washer equipped $4000.
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600 Dari Kool with compressor $1075.
Many others. Will trade and guarantee
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1971 John Deere 4320 Tractor
Used 424 Farmall Tractor
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John Deere 6600 Combine
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USED FORAGE HARVESTERS
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N.H. 717 with 1-row crop head, excellent
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(1) New J.D. 35 with 2-row crop head SAVE $ $ $
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BLOWERS
New John Deere 65

USED FORAGE WAGONS
J.D. 110 with J.D. 1064 running gear
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John Deere-Brillion-Brady-Hesston-Dunham-Bush Hog-Lely
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Phone 394-3047 or 626-2191

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Model 366 Stacker (shown) conveys manure from your present barn cleaner to holding area
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STACK MANURE ANYTIME spread when fields are ready

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M.M. Combine S.P., like new
New and Used Hammer Mills and Mixers.

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Farmall C tractor w-Cults.
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24 ft. elevator w-motor
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Phone 354-5181

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(USED) 10,000 Watt Winco Generator P.T.O. with Shaft. Good Condition. Call 717-733-7911

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Ford Tractor, wide front
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STARTED PULLETS, 20 WEEKS

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600 Aug. 6			5500 Nov. 5
1600 Aug. 13	2100 Sept. 10	1400 Oct. 1	5200 Nov. 12
4200 Aug. 20	550 Sept. 24	500 Oct. 16	1200 Dec. 10

1,000 Sex-Sal Pullets for sale at 6 weeks Aug. 6.
Wanted - Housing for heavy type breeders. Buildings must be insulated, 5,000 sq. ft. or over. Call 717-367-1545.

AGWAY

A PROFITABLE WAY TO LICK . . .

LPS
A LIQUID PROTEIN SUPPLEMENT

. . .The High Cost of Protein

Undoubtedly, you'd like to forget the recent barn feeding season and get your cows on early spring pasture or other forage feeding programs as soon as possible. Beware, however, of changing your feeding program so abruptly that your cows (and your milkcheck) tell you something is missing in your feeding program.

Although high in protein at the start, spring pasture deteriorates rapidly -- and your cows will know it before you do. You will not be aware of it until milk production starts to suffer.

If you're now an LPS feeder, you've probably noted that your cows consume less of LPS when first put out on pasture. That's to be expected. . .they're getting abundant protein from the grass.

But you also may have observed that as pastures mature and protein availability decreases, cows visit the LPS free-choice feeder oftener and stay longer.

Your cows will demonstrate exactly what Agway has proven through research at the Agway Farm Research Center, Fabius, N.Y. Dairy cows **do** adjust LPS consumption in response to altered protein intake in their ration. Note that this is true when the liquid protein supplement is Agway LPS. . .and does not necessarily apply to various other liquid feeds on the market. Previous work at Fabius showed that changes in formulation significantly affect free-choice intake of liquid supplements.

Agway research has also shown that high-producing cows in early lactation can not (and do not) eat enough dry feed to balance requirements. Again LPS supplies the answer to the protein problem. Note the following data:

Use of LPS by Dairy Cows to Balance a Ration "Adequate" in Protein

	Percent of Requirement
Predicted protein in dry ration	100
Actual protein in dry ration	84
Actual protein intake from LPS only	18
Actual Total protein from dry ration plus LPS	102

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